UNIVERSITY OF SOUTH CAROLINA
at Spartanburg

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UNIVERSITY OF SOUTH CAROLINA AT SPARTANBURG

CATALOG: 1984-1985

The University of South Carolina at Spartanburg reserves the right to make changes in curricula, degree requirements, course offerings, and all academic regulations when in the judgment of the faculty, the Chancellor, the President, or the Board of Trustees such changes are in the best interest of the students and the university.

Registration at the university assumes the students' acceptance of all published academic regulations, including those which appear in this catalog and all others found in any official announcement.

The University of South Carolina at Spartanburg is committed to a policy of affirmative action which assures equal opportunity in education and employment to all qualified persons regardless of race, sex, religion, creed, handicap, disability, veteran status, national origin, or ancestry.

I certify that this catalog is true and correct in content and policy and states progress requirements for graduation.

Olin Sansbury, Jr.
Chancellor, USCS

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THE UNIVERSITY

THE UNIVERSITY

The University of South Carolina at Spartanburg is one of four coeducational baccalaureate degree granting campuses in the University of South Carolina system. It is fully accredited by the Southern Association of Colleges and Schools.

USCS offers bachelor degree programs in fourteen subject areas, plus the associate of arts, associate of science, and the associate of science in technical nursing degrees. Professional degrees are offered in nursing, business administration, criminal justice, computer science, and education, while students can pursue liberal arts majors in English, history, political science, psychology, and biology. The Bachelor of Arts or Science in Interdisciplinary Studies offers students an opportunity to meet their career needs. USCS also offers concentrations in journalism for English majors, public administration for political science majors, and applied math and information management for computer science majors.

More than 120 full-time instructors and professors make up the faculty at USCS. Approximately three-fourths of them hold the highest degree in their field. Institutions attended by faculty include a broad representation of colleges and universities.

The following is the official USCS statement of purpose, adopted by the Faculty Senate:

> USCS exists to serve the people of the Piedmont region of the Carolinas. Because high quality education should be readily available, USCS maintains low tuition and schedules courses at times that are convenient to both full-time and working students. Programs are designed to enrich the economic, cultural, and intellectual life of the students and the community by combining career preparation with a foundation in the arts and sciences. USCS, located in an area with a growing international community, recognizes the increasing interdependence among nations and seeks to expand the horizons of its students by incorporating a global perspective into its programs. Acknowledging that learning is a lifelong process requiring constant renewal, USCS also provides continuing education programs designed to meet the professional and personal needs of a variety of people within the region. As a dynamic university, USCS continues to reflect and support its unique community needs and resources, which includes students with great diversity in their academic preparation and background. The university intends to serve even more people in more ways and will consider, when appropriate, the introduction of new

undergraduate and graduate programs, the establishment of special institutes, and the expansion of research activities. The University of South Carolina at Spartanburg offers equal opportunity in its employment, admissions, and educational activities in compliance with Title IX and other civil rights laws.

History

The history of the University of South Carolina at Spartanburg is a chronicle of remarkable growth and development. In 17 years, USCS has grown from a small regional campus into an important center of higher education for the entire upcountry region.

USCS was established primarily to avert what could have been a serious health care problem. In 1967, the Spartanburg General Hospital announced it was phasing out its diploma program for registered nurses. A citizens' committee investigated the situation and ultimately requested that Spartanburg be included in the University of South Carolina system.

The Spartanburg Regional Campus, as the two-year school was first known, opened its doors in the fall of 1967 to 177 students, many of whom pursued an associate of science degree in technical nursing. Rapid growth soon made USCS a candidate for four-year status under the provisions of a 1972 legislative act.

In the fall of 1975, the Spartanburg Regional Campus officially became the University of South Carolina at Spartanburg and the first twelve bachelor degree programs were approved by the South Carolina Higher Education Commission. Within a year, USCS became fully accredited by the Southern Association of Colleges and Schools and awarded its first baccalaureate degrees. Today, with an undergraduate enrollment of more than 2700, USCS looks forward to expanding its services to citizens from all over the Piedmont.

Public Service

The University of South Carolina at Spartanburg, serving students primarily from Greenville, Spartanburg, Cherokee, Union, and Laurens Counties, is dedicated to serving the general public as well as students enrolled in its degree programs.

In past years, several hundred area public school children have participated in USCS projects such as the Piedmont Regional Science Fair, the Maggie's Drawers literary and artistic contest, and the Fourth Congressional District History Day. Their teachers and administrators benefited from programs such as the School of Education's Education Policy Seminar and a series of computer short courses.

Through the Graduate Regional Studies Program, many students can work toward USC-Columbia Master's degrees in Spartanburg and a large number of persons in the community upgrade their skills through non-credit continuing education short courses. The Counseling and Career Development Center and the Developmental Studies Office provide services to residents of the area as well as to students. Library resources and services also may be used by all interested persons in the community.

Each year USCS offers a wide range of public programs on topics of special interest. The university calendar includes a series of lectures on the Great Decisions topics as well as talks by the executive officers of a number of corporations and organizations in the Piedmont Forum. The International Studies program presented a series of foreign films, free to the public. Special events highlighted Black History Month. The French ambassador to the United States, a prominent Russian editor, and a group of educators from India also appeared at USCS. The 1983 commencement speaker was the United States' permanent delegate to UNESCO, Ambassador Jean Gerard.

The Carolina Piedmont Foundation, Inc.

Chartered on February 2, 1973, the Carolina Piedmont Foundation, Inc. exists to "accept gifts of charitable, benevolent, cultural and educational purposes for the exclusive benefit and use of the University of South Carolina at Spartanburg." Fully accredited as a non-profit organization under section 501 (c) (3) of the Internal Revenue Code, the Foundation is governed by a board of directors consisting of prominent men and women from upstate South Carolina.

The Foundation's most conspicuous achievement has been the successful effort to raise private funds for the new building for the Mary Black School of Nursing. The building was occupied in the fall of 1982. Other projects have included administering scholarship and loan endowments, establishing the Richard E. Tukey Memorial Fund, and supporting USCS public service activities.

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ADMISSION

ADMISSION

The University of South Carolina at Spartanburg strives to provide an opportunity to students who are capable of benefiting from a college education and who show promise of successfully completing that education.

All admission policies and procedures are subject to continuous review by the Admissions Office and the Committee on Admissions and Petitions. Although an effort is made to publicize changes, these policies and procedures may be changed without notice by the faculty and the Board of Trustees.

Prospective students may obtain application forms from the Admissions Office at the University of South Carolina at Spartanburg, located on the second floor of the Administration Building.

In order for USCS to provide the best possible educational experience for all students enrolled, the university limits enrollment to the number of students that can be reasonably accommodated by the resources available. Students are urged to apply for admission as soon as possible since some programs may be filled several months before the priority deadlines, especially in the fall term.

The following are priority dates for application to USCS:

Fall term:	August 1
Spring term:	December 1
Summer term:	two weeks prior to registration for the term

These dates may be changed at the discretion of the Chancellor. Although applications continue to be received after the priority deadline, applicants meeting this deadline are given first consideration.

Only students with complete credentials are allowed to register. Students enrolled at another institution when they apply to USCS are permitted to register, provided that a current transcript is on file before registration. A final transcript must be on file before the end of the semester. Final determination of whether a student is accepted or not accepted depends on final receipt and evaluation of all credentials.

The university reserves the right to place conditions on the admission of any student. In the event such action is taken, the conditions are clearly explained in the letter of acceptance.

Freshman Admission Requirements

Admission with classification as a freshman applies to beginning college students and to transfer students with fewer than 30-semester hours of college work attempted. The admission procedure is as follows:

1. Submission of completed application form, application fee of $15, and transcript of high school record.
2. Submission of S.A.T. scores or A.C.T. scores (students 22 years of age or over may be admitted without these scores).
3. Submission of evidence of high school graduation or equivalent.

Students interested in the Bachelor of Interdisciplinary Studies or programs in nursing, education, or criminal justice should consult the special admissions requirements listed in those sections of the catalog. Admission to USCS does not guarantee or imply admission to any of these programs.

All new freshmen students with fewer than 46 earned hours must take a battery of Advisement Tests in English, Reading, and Mathematics. These examinations provide academic advisors with information that enables them better to counsel students. Students who place high on the English Placement Examination may enroll in English 101 or may receive three hours credit for English 101 after making a minimum of "C" in the honors section of English 102. Failure to take the Advisement Tests bars a student from registration.

Transfer Admission Requirements

Transfer applicants who have attempted less than 30 hours of college work must meet both freshman and transfer admission requirements. The following regulations apply to transfer applicants with more than 30 hours of college work:

1. They must meet academic eligibility to return to the college they last attended. (Students suspended from another institution for disciplinary reasons must be approved by the Committee on Admissions and Petitions before being admitted to the university.)
2. They must have a grade point ratio of at least 1.0 plus 1 percent of hours attempted up to 100 hours attempted. Transfer applicants with 100 or more hours must have a minimum of a 2.0 grade point ratio.
3. They must submit an official transcript directly to USCS from each previous college, university, or technical institution attended.

4. They must submit a completed application form and the application fee.

Transfer students interested in the Bachelor of Interdisciplinary Studies or programs in nursing, education, business administration, or criminal justice should consult special admissions requirements listed in those sections of the catalog. Admission to USCS does not guarantee or imply admission to any of these programs.

All transfer students with fewer than 46 earned hours must take a battery of Advisement Tests in English, Reading, and Mathematics. These examinations provide academic advisors with information that enables them better to counsel students. Students who place high on the English Placement Examination may enroll in English 101 or may receive three hours credit for English 101 after making a "C" in the honors section of English 102. Failure to take the Advisement Tests bars a student from registration.

Admission Categories for Freshmen and Transfer Students

Regular Student. This category includes entering freshmen who have a minimum S.A.T. score total of 700 (350 Mathematics and 350 Verbal). Also included in this category are transfer students with at least a 2.00 GPR from all previous post-secondary work. Freshmen and transfer students with less than 30 hours attempted who score below 350 mathematics or 350 verbal on the S.A.T., who have a projected GPR below 1.5, or who place in at least two developmental courses through advisement testing, are assigned to the Director of Developmental Studies for advisement, counseling, and developmental instruction. This assignment lasts for the first 45 hours completed at USCS or until released by the Director of Developmental Studies. They then declare their major and transfer to the appropriate school (education, business, nursing, or humanities and sciences). This policy is retroactive for students who entered USCS in fall 1981 and spring 1982.

Non-Degree Student. This category is for students taking courses but who do not wish to pursue a degree program. Persons currently enrolled in any post-secondary institution may not be admitted as non-degree students. Applicants must be South Carolina residents. Students on suspension from any campus of USC or any other post-secondary institution may not be admitted under this program. Applicants must submit a new application for each semester. Under no conditions is this application status be used to circumvent stated university admission standards. The Director of Admissions reserves the right to refuse use of this category to any applicant who is obviously seeking admission as a degree candidate.

Non-degree students can take no more than 9 hours in any semester (labs excluded). Students may not select a major while

in a non-degree status. A maximum of 30-semester hours taken as a non-degree student may be applied toward a degree. Students admitted as non-degree candidates may enroll in any course for which they are qualified. (Qualifications are stated in this catalog. Questions should be referred to the dean of the school in which the course is taught.) Enrollment in courses is on a space-available basis, and applicants are not allowed to pre-register for future semesters. Credits earned while in this category may not be considered toward a degree program at the university until students have applied for and been fully accepted for enrollment into a degree program. Non-degree students are subject to all USCS academic rules and regulations.

Probationary Student. This category is reserved for use by the Admissions and Petitions Committee. Students placed on probation by this committee must make a 2.0 GPR on their first 12 or more hours at USCS. Readmit students who left the university while on probation or suspension are admitted on probation. These readmit students must also obtain a 2.0 GPR on the first twelve or more hours under this status. It should be noted, however, that students on probation or suspension at the time of leaving the university may have completed part or all of the twelve hours and may be in the position of having to make a GPR of greater than 2.0.

The university reserves the right to change the admission classification of students as the result of satisfactory performance on the part of the students or error on the part of the Admissions Office.

Transient Admission Requirements

Transient students (students regularly enrolled at other colleges or universities) must submit application forms, the $15 application fee, and have a letter of permission from the college in which they are permanently enrolled designating the particular courses in which they are allowed to enroll.

Special Student Admission Requirements

Applicants who, at the time of registration, are not interested in working toward a bachelor's degree must submit an application for special student status and fulfill normal admission requirements (high school or college transcripts are not required). Students in this category may attend for one semester only. To proceed further, students must meet the qualifications for regular admission or be approved for each additional semester by the Director of Admissions.

Special students enrolling in freshman-level English or mathematics courses must take the appropriate advisement tests.

Readmission of Former Students

Students who are out of the university for one or more semesters must submit an application for readmission to the Admission Office. Absence for the summer term does not necessitate a new application for the fall.

Students who leave the university in good standing and attend another college without prior arrangement from USCS must fulfill regular transfer student admission requirements in order to be readmitted.

Students who left the university on suspension and have been out one semester or longer must, if still on suspension, submit both an application for readmission and an application for reinstatement. If the period of suspension has been served in its entirety, students must submit only a readmission application. Students who are suspended but who have not begun serving suspension must submit an application for reinstatement, but do not need to apply for readmission.

Students attending another college while on academic suspension from the university must maintain a grade point ratio of 2.0 or better while at that institution in order to retain the privilege of being readmitted at the conclusion of the suspension. Students suspended from the university for any reason may not earn academic credit during the period of suspension by attending college elsewhere.

Admission of Students as Auditors

Persons wishing to attend university classes without earning credit may be admitted upon approval of the instructor and the Director of Admissions. They are not required to take entrance examinations.

Retired teachers and persons over age 65 are extended the courtesy of audit free of charge.

Applicants should read carefully the regulations pertaining to course auditing.

Admission of Students with Baccalaureate Degrees

Students who hold a bachelor's degree from any college or university but who, for any reason, do not seek admission to degree candidacy in any program in the Graduate School of University of South Carolina at Columbia, are designated "unclassified students." An applicant may be admitted as an unclassified student upon proof of graduation with a baccalaureate degree. Such a student is required to maintain standards of academic progress equal to those required of regular undergraduate students for continuing in the university beyond

the first semester. Students in this category may earn only undergraduate credit.

Students holding a bachelor's degree and who seek a second undergraduate degree from the university must meet transfer student admission requirements.

Admission of Foreign Students

In addition to meeting other admission requirements, all foreign applicants must submit evidence of proficiency in English adequate for doing college work. Evidence may be demonstrated by satisfactory scores on the Test of English as a Foreign Language. Information is available from the Director of Admissions.

Foreign students must complete their applications at least 90 days before the beginning of the semester for which they are applying.

Admission of High School Students

Qualified high school students who have completed their junior year and have a total score of 900 or better on the S.A.T. may enroll for courses on the recommendation of their high school principal or counselor.

Summer Admissions

Both summer sessions at USCS are classified as open enrollment periods. Students not on suspension from another institution may attend during the summer even though they would not otherwise be qualified to do so. Students who have been previously turned down for admission or who anticipate problems in being admitted are encouraged to attend summer school and take advantage of this opportunity to improve their records. Attendance in summer school does not guarantee admission to the fall or spring semesters. It may, however, provide additional evidence of admissibility.

ACADEMIC REGULATIONS

ACADEMIC REGULATIONS

As the chief governing body of the university system, the Board of Trustees delegates powers to the Chancellor, the President, and the faculty in accord with its policies. Subject to the review of the Chancellor, the President, and the Board of Trustees, the faculty retains legislative powers in all matters pertaining to the standards of admission, registration, instruction, research, and extracurricular activities; the requirements for the granting of degrees earned in course; the curricula; the discipline of students; the educational policies and standards of the university; and all other matters affecting the conduct of academic affairs.

The university reserves the right to make changes in curricula, degree requirements, course offerings, and all academic regulations, at any time when, in the judgment of the faculty, the Chancellor, the President, or the Board of Trustees such changes are for the best interest of the students of the university.

Registration at the university assumes students' acceptance of all published academic regulations, including those which appear in this catalog and all others found in any official announcement.

Unforeseen circumstances may interfere with the scheduling of any particular course or degree offering. Students are expected to take such developments into account as they arise, even if doing so means a delay in some of their academic goals or a modification of those goals. The school concerned works closely with students facing such problems in an effort to resolve them with a minimum of difficulty.

Students may expect to obtain a degree in accord with the requirements set forth in the regulations in force when they enter the university, or under subsequent regulations published while they are students. However, students are restricted in choice to the requirements of one specific catalog. Undergraduate students who enter the university under the regulation of a catalog have a period of eight years, inclusive and continuous, in which to claim the rights of that catalog.

Full-time undergraduate students who are absent from the university for no longer than five years and who return to complete their program of study have the right to continue under the catalog in effect at the time of original matriculation. Alternatively, students may elect to finish their program under the catalog in effect at the time of their return. If the period of absence is longer than five years, students are subject to the rules and regulations in force at the time of their return.

Under no circumstances are students allowed to appeal to short-lived rules and regulations which were adopted and abandoned while they were not enrolled.

If there have been drastic revisions of curricula or programs during the absence (even if for less than five years), there may be no choice but to adopt the new program or a transitional program approved by the dean. USCS is not responsible for providing programs or courses which were deleted during the period of absence.

Exceptions to the policies stated in this catalog made verbally to any students by an official of the university are null and void unless documented with a signed statement from the university official.

Right of Petition

Students who consider that they are entitled to relief or deviation from the academic regulations of the university may submit their case to the Vice Chancellor for Academic Affairs for consideration by the Executive Academic Affairs Committee.

Course of Studies

Students are expected to follow the program outlined by their school as closely as possible, particularly in the first two years when they are satisfying basic degree requirements and prerequisites for advanced work.

Students must pursue required courses in the prescribed sequence. Failure to do so may lead to future schedule difficulties and students may find that the subject for which they wish to enroll is either not available or is closed to students with advanced standing. Students who fail to complete successfully all of their freshman requirements may not enroll in courses in their major field beyond the sophomore level. In the event that students are ineligible to continue courses in their major field, they may take electives until the deficiency is removed.

Change of Name or Address

Students are obligated to notify the Office of Student Records of any change in name or address. Failure to do so can cause serious delay in the handling of student records and in notification of emergencies at home. Change of name may only be accomplished by presenting proper legal documentation.

Indebtedness

Students are expected to discharge any indebtedness to the university as quickly as possible. No degree is conferred on, nor any diploma, certificate, or record transcript issued to, students who have not made satisfactory settlement with the treasurer for all indebtedness to the university. Students may be prohibited from attending class, standing final examinations, or registering for future terms after the due date of any unpaid obligation. Students who have a repayment obligation for Title IV funds (Pell Grant, N.D.S.L., S.E.O.G., or G.S.L.) are not permitted to enroll.

TRANSFER CREDIT

Students who have earned at least 45-semester hours credit at another college or university have their transcripts evaluated by the dean of the school in which they matriculate. Students with less than 45 earned semester hours are evaluated by the Freshmen-Sophomore Center.

Students transferring from a four-year institution not accredited by the appropriate regional accrediting association may validate hours earned at the unaccredited institution by successful completion of 15 hours at USCS with a minimum 2.0 GPR. Credits earned at two-year non-accredited institutions may be validated by examination.

Students who were enrolled at USCS and transferred to another institution and who now wish to transfer back to USCS may be able to transfer all coursework if they were in residence at the other institution for a full academic year. Otherwise, credit for academic work equivalent to courses previously taken at USCS cannot be transferred to USCS. Similarly, students cannot receive transfer credit for an equivalent course taken previously at another institution.

Credit for summer school, correspondence, and extension work completed at other institutions by regular USCS students is not accepted for transfer if students have been previously enrolled in an equivalent course in the university. Credit for other courses is accepted only under the conditions that (1) each course is approved in advance by the dean concerned or the Vice Chancellor for Academic Affairs and this approval is filed in writing with the Office of Student Records and (2) each course is passed with a grade adequate for transfer purposes.

Credits earned while students are on academic suspension from the university cannot be applied toward a degree or used in improving their grade point ratios.

A maximum of 30-semester hours earned in correspondence courses, service schools, educational programs of non-collegiate

organizations, off-campus extension classes, or with classification as a special student are accepted as partial fulfillment of the requirements for baccalaureate degrees. Students planning to pursue work at other institutions or correspondence or off-campus extension classes must complete this work before attaining senior classification (90-semester hours). The last 30 credits (representing the senior year's work) must be earned in residence at USCS.

USCS uses all grades (with the exception of pass or fail grades) listed on transcripts of other institutions in the calculation of the transfer GPR. Therefore, the GPR as calculated by USCS may be different than the one appearing on the transcript of another institution. Admission to the university or a particular program (business, education, nursing, humanities and sciences) is determined by the transfer GPR as calculated by USCS.

As a general rule, some courses are not acceptable for transfer credit to USCS or to any campus of the University of South Carolina system. These include occupational or technical courses, remedial courses, courses from a two-year institution that are considered upper level at the university, or courses from a two-year institution that are not a part of that institution's college parallel program. Exceptions to this rule may be made only by the designated academic official on the campus where the student is majoring. Exceptions are made only in specific cases where the courses being considered for transfer credit are judged to be uniquely relevant to the student's degree program. Examples of possible exceptions include typing courses for journalism majors or drafting courses for engineering majors.

In certain instances, credit for tranfer courses may be obtained by a validation examination. This examination is given upon approval of the dean of the school in which the subject is taught. Grades earned in courses completed in programs leading to an associate degree which are validated by examination are not counted in computing the GPR for baccalaureate degree programs.

CLASSIFICATION OF STUDENTS

Classification of students is based on the total number of semester credit hours earned. Students must have earned 30 hours to be classified as a sophomore, 60 for classification as a junior, and 90 for classification as a senior. Students are classified at the beginning of each semester.

REGISTRATION

To be officially enrolled in the university students must be academically eligible, have registration material approved by both the dean of the school in which they are matriculating and by the Director of Records and Registration. In addition, students must have a receipt issued by the Treasurer for payment of current academic fees. Enrollment by proxy is not allowed unless permission has been obtained in advance from the Office of Student Records.

Students are expected to complete registration (including the payment of all required fees and having an ID card made or validated) on the dates prescribed in the university calendar. An extra fee is charged those students registering during the late registration period.

Auditing

Auditing a course means attending classes and listening without actively participating in the class. An auditor is not responsible for any assignments or examinations. No course of a skill-acquiring nature (such as swimming, computer programming, etc.) may be taken on an audit basis. No credit may be earned in an audited course by examination or otherwise. No audited course may be repeated for credit at a later date.

The request for the privilege of auditing a course is made to the instructional division or school concerned. The request is made for a specific semester. The applicant must complete the prescribed procedure for enrollment through the Office of Admissions before class attendance is permitted. Students must be admitted to the university to be eligible for auditing any course.

Students taking a class for credit are given preference over auditors where class size limits are in effect.

Students who have registered for a course on an audit basis and who wish to change their registration to take the course for credit (or who wish to change from credit to audit), must do so no later than the last day for adding courses as indicated in the university calendar. The change must be requested on a change of schedule form properly signed by the course instructor and the dean of the school and then submitted to the Office of Student Records.

Course Load

To graduate within a "normal" period of time, students should take approximately 15-18 credit hours per semester in academic studies. Students should talk to their advisor to determine the correct number of hours per semester for their major. All students enrolling for more than 17 hours must receive permission from the Vice-Chancellor for Academic Affairs. No students are given permission for an overload unless they have an overall GPR of 3.0 or have made a 3.0 the previous semester. The maximum load any student may carry is 21 hours. Forms for overloads are available in the Office of Student Records.

Correspondence or Other Courses

Undergraduates may receive credit for correspondence courses taken concurrently with their regular academic work. Students must request permission to enroll in such courses on a form available at the Office of Student Records. Enrollment must be approved in advance by the dean of the school in which the student is enrolled.

Repetition of Course Work

Students may repeat a course they have passed in order to raise their grade only in the event that the school in which they are seeking a degree requires a higher grade in the course. Students who repeat a course have both course registrations on their permanent record. Both grades are used in the calculation of the GPR.

Undergraduate Enrollment in Graduate Courses

Qualified undergraduate students may enroll for undergraduate or graduate credit in courses number 500 through 699. Except in special cases, undergraduates may not enroll for credit courses numbered 700 through 899.

Work taken by undergraduates may be applied toward a graduate degree if the students are adequately prepared for graduate work in the field concerned and have the approval of the dean of the school and the dean of the graduate school. The privilege may be exercised only during the senior year.

Summer Session

The summer session normally consists of two terms. Students regularly enrolled in the university may take work applicable to

the degree they are seeking during the summer session. All regulations governing the regular academic year pertain to the summer session.

A complete listing of all courses offered in the summer session is available after April 1 at the Office of Student Records.

The maximum course load permitted in the summer session is 6 semester hours per term. A single extra hour may be carried if one of the courses involved is a 4-hour course.

The university reserves the right to withdraw any course in the case of inadequate enrollment. Registration in any course may be closed when the maximum enrollment for efficient work is reached.

CHANGES OF REGISTRATION

Changes of Enrollment

A change in enrollment involves adding or withdrawing from a course, changing from one course section to another, changing the number of credits in any course, changing course registration from audit to credit or from credit to audit, or electing or revoking a pass or fail option. Any change in enrollment must be recorded with the Office of Student Records on a change of schedule form with all required signatures.

Any change involving adding a course or changing enrollment from audit to credit or from credit to audit must be completed by the last day to change course schedule as published in the university calendar. Students may elect or revoke the pass or fail option no later than the last day for withdrawal from a course without penalty. Students are urged to consult with the dean of the school in which they are enrolled concerning any change of schedule.

With the permission of both instructors, students may make the following schedule changes through the last day to withdraw from a course without penalty (assuming the availability of the course to which the student desires to move):

Math	100-119	French, Spanish, & German	101-102
	100-121		102-201
	119-121		102-305
	121-141		
	121-501	Biology	101-110
	125-141		
	141-119	Chemistry	105 or 111-101
English	100-101		
	102-102H		

Course Substitutions

Only under unavoidable and exceptional circumstances does the faculty permit a substitution or an exemption from the prescribed curricula. When it becomes necessary to request a deviation from the prescribed course of study, students should consult with the dean of the school in which they are majoring before preparing a petition listing the substitutions or exemptions sought and the reasons for such a request. Petitions are submitted on forms obtainable from the Office of Student Records and must be returned to the dean of the school in which the student is enrolled.

Any deviation from degree requirements as published in the catalog must have the approval of the Vice Chancellor for Academic Affairs. The Academic Affairs Committee functions only in the role of an appeal board in cases where a decision satisfactory to the Vice Chancellor and the student cannot be reached.

Students transferring from another college or university desiring to substitute courses taken elsewhere for courses prescribed at USCS must submit such petitions to the dean of the school in which they expect to enroll prior to enrollment for their first semester at the university. Petitions for all other substitutions must be approved prior to the last date for enrollment of the semester in which the substitute course is to be taken.

Changes in Curriculum

Students desiring to change their program of study by transferring from one school of the university to another are required to (1) obtain a change in curriculum form from the Office of Student Records, (2) have this form signed by the dean of the school in which they are currently enrolled, and (3) present the form for the approval of the dean of the school in which they plan to enroll and give the dean a copy of the academic record obtained from the Office of Student Records. To be valid, a change of curriculum must follow these procedures and must also be completed in advance of registration.

Adding a Course

Students may add a course during the drop and add period by obtaining a change of schedule form available from the Student Records Office or appropriate dean's office. Students then should discuss the matter with their advisor and obtain the appropriate signatures.

Dropping a Course

During Late Registration. Students may drop a course up until the last day of late registration by completing a change of schedule form available from the Student Records Office. Courses dropped during this late registration period are not recorded on a student's permanent record and are not entered into the computation of hours attempted, grade point ratio, or any other totals.

After Late Registration and Through the Free Drop Date. Courses may be dropped following late registration up until the last day to drop a course without academic penalty (the free drop date) by completing the course "Withdrawal Form" available from the Office of Student Records. Courses dropped during this period are recorded as a "W" on students' transcripts but are not entered into the computation of hours attempted, grade point ratio, or any other totals. Students are allowed to drop a course without academic penalty during the first six weeks of the semester. In summer sessions and other shortened semesters, the time allowed to drop a course without academic penalty is equal to one-third the total number of class days from the beginning of the semester. Students should check the university's academic calendar for the prescribed date in each semester.

To drop a course on or before the free drop date, students are required to (1) obtain the appropriate form from the Office of Student Records, (2) discuss the matter with their advisor and have them sign the form, (3) have the course instructor and the school dean sign the form, and (4) return the form to the Office of Student Records before the drop date.

After the Free Drop Date. A grade of "WF" (withdraw failing) normally is recorded for any course dropped after the free drop date. A "WF" is treated the same as an "F" in the calculation of students' grade point averages and in the evaluation of suspension conditions. In certain exceptional cases, a grade of "WF" may be changed to a "W" to indicate satisfactory performance in courses from which students withdraw after the free drop date. This grade is used primarily in cases of withdrawal from USCS or in cases of dropping a course for medical reasons. To request a change of "WF" to "W" the student must contact the Office of the Dean of Students. That office explains the necessary procedures and supplies an "Assignment of °W' Grade for Medical Reasons or Other Extenuating Circumstances After Penalty Date" form to the student. Students then take this form and any documentation concerning the extenuating circumstances to the instructor of the course or courses in which they wish a grade change and to the dean of the school. (For students who have not declared a major, the Dean of Students serves as dean.) If the instructor and dean agree to the grade change and sign the form, students return the form to the Office of Student Records.

Extenuating Circumstances. If students stop attending a class and fail to carry out the procedures for dropping a course outlined above before the end of the semester, the instructor posts a final grade calculated on both completed and missed work. This typically results in a grade of "F." If the absences are due to medical or other extenuating circumstances so serious that the students were neither able to attend classes nor contact the Dean of Students' Office in order to withdraw from the courses, students may request to change each final grade to a "W" to indicate satisfactory performance in the course before they were forced to stop attending classes. Normally, an appeal to change a final grade is considered only if initiated within one year after the final grade is assigned.

The first step of the appeals process is the same as for requesting a change of grade after the free drop date and before the last day of the semester, outlined above. The Office of the Dean of Students explains the necessary procedures and supplies students with a "Post-semester Withdrawal Form." Students take this form along with any documentation concerning the medical emergency or other extenuating circumstances to their instructors and to their dean. (For students who have not declared a major, the Dean of Students justifies a change of grade to a "W.") If they sign the form, students return it to the Dean of Students who notifies the Office of Student Records of a grade change. If the instructor of the course is no longer on campus, the Dean of Students assists students in contacting the instructor and obtaining the instructor's judgment, in writing, on the change of grade request.

If an instructor decides the circumstances do not warrant a grade change, students are responsible for informing the Dean of Students of this decision. If students choose to appeal the decision of the instructor, the Dean of Students convenes and chairs an appeals committee consisting of five members. The regular voting members of the appeals committee are the chairs of each of the four schools' appeals committees. The Dean of Students votes only in case of a tie vote. If the appeals committee believes a student's appeal for a change of grade has merit, the committee forwards its recommendation and any documentation it has reviewed to the instructor for consideration. The instructor then may either agree or reject the appeals committee's recommendation and reports this decision to the Dean of Students. If either the committee or the instructor denies the request to change the grade the second time, the student may petition the Vice Chancellor for Academic Affairs.

WITHDRAWAL

Students wishing to withdraw officially from the university should request a withdrawal application form from the Office of the Dean of Students. Students are responsible for completing an exit interview at the Office of the Dean of Students, obtaining the required signatures on the withdrawal form, and returning the form to the Office of Student Records for final action. Students who stop attending the university without following the withdrawal procedure may prejudice any future attempt to re-enter the university. (See School of Nursing regulations for the specific withdrawal policy for that school.)

Students withdrawing from the university prior to the last day to drop a course according to the official university calendar have the date of their withdrawal posted on their transcript. Courses from which students withdraw before the free drop date are not recorded on the transcript or used to figure a grade point ratio. Students withdrawing after the last day to drop a course without penalty normally receive a grade of "WF" for each course in which they were enrolled.

Students withdrawing after the last day to drop a course without penalty may petition to receive a grade of "W" rather than "WF" by contacting the Dean of Students Office and carrying out the procedures for requesting a change from "WF" to "F" outlined under the section "Dropping a Course," above.

CLASS ATTENDANCE

General

When students enroll in a course, they are responsible for all the work assigned. Punctual and regular attendance is vital to the discharge of this obligation. Students are responsible for all assigned work in a course, and absences, excused or unexcused, do not release them from this responsibility.

The instructor determines whether an absence from class is excused or unexcused. Absences are excused for (1) incapacitating illness, (2) official representation of the university, (3) death of a close relative, (4) religious holiday, and (5) other circumstances preventing attendance but beyond control of the student. Excuses for official representation of the university should be obtained from the official supervising the activity with prior permission from the Vice Chancellor for Academic Affairs. Absences from announced quizzes and laboratory sessions are made up at the discretion of the instructor.

In the event of an impasse between student and instructor, and upon appeal by the student, the dean of the school in which the course is taught makes the final decision as to whether an absence is considered excused.

The total number of allowable absences in any given course is determined largely by the course level; in effect, attendance regulations become less exacting as students' academic experience increases. (See School of Nursing Section for specific attendance policies for that School.)

Courses numbered below 300. In order to obtain credit in the course students must attend at least 75 percent of the class sessions and 75 percent of the laboratory sessions. The maximum number of unexcused absences that may be accumulated is:

1. Twice the number of weekly class meetings for courses running the full semester. In courses which consist of both lectures and laboratory sessions a student may take a maximum number of unexcused absences equal to twice the number of weekly meetings in the laboratory portion. In courses which are entirely laboratory in nature, the maximum number of unexcused absences is three.
2. Equal to the number of weekly class meetings for courses running half a semester.
3. Four in summer courses and any other abbreviated term.

Students having a grade point ratio of 3.0 or better are restricted only by the requirement of attendance of 75 percent of both classes and laboratory sessions to obtain credit for the course.

Courses at the 300 and 400-level. Students enrolled in 300 or 400-level courses to obtain credit must attend 75 percent of the classes and 75 percent of the laboratory sessions. Thus, absences should be recorded but, except for purposes of aiding the instructor in making a decision to allow work to be made up, the designation of absences as excused or unexcused is unnecessary.

Courses at the 500 to 600-level. Students enrolled in 500 to 600-level courses are not restricted to any specific number of absences in such courses. Thus, except for purposes of aiding the instructor in making a decision to allow work to be made up, neither the recording of absences nor the designation of absences as excused or unexcused is necessary.

Although students are encouraged to maintain punctual and regular class attendance, these regulations establish an allowable number of class absences which they may accumulated without penalty. In no instance shall a faculty member impose more restrictive attendance regulations. Faculty members should notify classes specifically of the attendance policy which they intend to follow in each class.

EXAMINATIONS

Regular final examinations are held at the close of each semester. Examination schedules are published in the official class schedule. The results of these examinations, other assigned work, and grades for class performance determine the grade reports given at the end of the semester. Except for laboratories, no final examination may be held outside of the stated time without the special permission of the Vice Chancellor for Academic Affairs. Deviations from this policy should be reported to the Vice Chancellor for Academic Affairs.

In any course meeting two or three times a week, no quiz, test, or examination is given during the last two class sessions prior to the regular examination period. In any course meeting once a week, no quiz, test, or examination is given during the last class session prior to the regular examination period. In any course meeting more than three times a week, no quiz, test, or examination is given during the last three class sessions prior to the regular examination period. Laboratory final exams, however, may be given during the last week of classes.

With the consent of the instructor, students may be transferred from one examination section to another of the same course.

Students who are absent from any examination are given the grade "F" for the course if they have not offered an excuse acceptable to the instructor. If the instructor excuses the absence, a grade of "I" is assigned and the course may be completed through a deferred examination (see below).

Re-examination or the assignment of additional work for the purpose of removing an "F" or for raising a grade is not permitted.

Graduating Seniors

Final grades for graduating seniors are due one week before graduation. The instructor may either base the final grade on performance during the semester, or give an earlier final examination for graduating seniors. In case students do not find this option satisfactory, they may elect to take the regularly scheduled final exam. Their graduation is deferred if grades cannot be computed in time to meet the deadline of one week prior to graduation.

Deferred Examinations

Students with excused absences from examinations have the privilege of deferred or special examinations. They may take the

deferred examination at the next regular period with credit awarded in the semester the course is taken, provided the examination is taken at the convenience of the instructor. The examination must be taken within one calendar year from the time of the absence. Deferred examinations are granted only in case of absence that is unavoidable as a result of sickness or other cause.

Course Credit

The credit value of each course is usually determined by the number of class meetings per week for one semester. Two or three laboratory hours (one period) are equivalent to one class meeting. The semester hour credit for each course is included in each course description.

Students who are suspended from the university for any reason may not earn academic credit during the period of suspension by residence elsewhere. Students who are suspended may not have correspondence course credit entered upon their records until one calendar year from the date of their return to the university.

CREDIT BY EXAMINATION

Students with a strong background in a variety of basic courses may be able to exempt courses and receive credit hours for courses based on their scores on the College Entrance Examination Board Advanced Placement (AP) or College Level Examination Program (CLEP) examinations, the American College Testing Program Proficiency (ACT PEP) examinations, or by successfully passing a course challenge examination prepared at USCS. A maximum of 30 hours of AP, CLEP, or challenge examination credit and up to 24 hours ACT PEP credit may be applied to a degree program at USCS.

AP, CLEP, and ACT PEP and credit by examination credits appear as an "S" (pass-fail credit) on students' transcripts, and do not enter into calculation of students' grade-point averages. However, students may include AP, CLEP, and ACT PEP credit hours in the 60 hours of residence at USCS required for graduation with honors.

USCS accepts many, but not all, AP, CLEP, and ACT PEP subjects offered by the College Entrance Examination Board and the American College Testing Program. Transfer students with AP, CLEP, or ACT PEP credits in subjects not listed below must submit those credits to the review of the dean of the appropriate school.

Normally, a maximum of 30-semester hours earned in any combination of AP, CLEP, ACT PEP, Credit by Examination, correspondence courses, military and other service schools, educational programs or non-collegiate organizations, or hours in courses taken while classified as a special student are accepted as partial fulfillment of the requirements for the baccalauareate degree. Exceptions to this 30-hour rule may be made at the discretion of the dean of the appropriate school. Students entering with 30 hours of Advanced Placement credits receive sophomore standing. Students planning to pursue work at other institutions or planning to take correspondence courses must complete this work before attaining senior classification (90-semester hours) since the last 30 credits (representing the senior year's work) must be earned in residence at USCS.

Advanced Placement (AP)

All Advanced Placement courses and tests are administered by the high schools and should be completed successfully before entering USCS. An entering student who has passed 30 hours of AP credit may be granted sophomore standing upon enrollment.

The Advanced Placement courses accepted by USCS are:

American History: Six credits for History 201 and 202, or three credits for History 110 with a minimum score of 3.

Biology: Eight credits for Biology 101 and 102, including laboratory credit, with a minimum score of 3.

Chemistry: Four credits for Chemistry 111 with a score of 3; eight credits for Chemistry 111 and 112 with a score of 4 or 5.

English Composition and Literature: Three credits for English 102 with a minimum score of 3 and a "C" or better in English 101. (Note: A score of 3 or better on both English AP tests earns six hours credit for English 101 and 102 upon earning a "C" or better in any 300 or higher level English course.)

English Language and Composition: Three credits for English 101 with a mimimum score of 3 and a "C" or better in English 102. (Note: A score of 3 or better on both English AP tests earns six hours credit for English 101 and 102 upon earning a "C" or better in any 300 or higher level English course.)

European History: Three credits selected from History 101, 102, or 111 with a score of 3; six credits from those same courses with a score of 4 or 5.

French, German, Spanish, and Latin: Eight credits for 101 and 102 level courses with a score of 3. Eleven credits for 101, 102, and 201 level courses with a score of 4 or 5. Students desiring AP Foreign Language credit at USCS should take only the language portion of the AP examinations. No credit is given for the literature portion of the examinations.

Mathematics-Calculus AB: Six hours credit for Mathematics 121 and 122, four hours credit for Mathematics 125, or four hours credit for Mathematics 141 with a score of 3 or better.

Mathematics-Calculus BC: Four hours credit for Mathematics 141 with a score of 3, eight hours credit for Mathematics 141 and 142 with a score of 4 or 5.

Music History: Three hours credit for Music 110 with a score of 3 or better.

Physics B: Four hours credit for Physics 201 with a score of 3; eight hours credit for Physics 201 and 202 with a score of 4 or 5.

College Level Examination Program (CLEP)

Credit hours for subjects in which students are knowledgable, but have no class standing, can be gained through successful completion of the College Entrance examination Board CLEP tests.

Credit earned in CLEP may be applied to any program where the course normally would be accepted as earned credit. CLEP credit is not granted for courses which have been failed previously, nor does CLEP credit raise a grade earned previously in any course. Repeat examinations are not allowed. USCS does not give credit for the CLEP general examination.

Students wishing to take CLEP tests should contact the Counseling and Career Development Office for the necessary applications and notify their faculty advisor of their intention to take the test.

The CLEP examinations accepted by USCS are:

American Government: Three credits for Government and International Studies 201 with a satisfactory essay and minimum score of 50 on the objective section.

American History: For American History I three credits selected from History 201 and 110, for American History II three credits selected from History 202 and 110 with satisfactory completion of the essay sections and a minimum score of 50 on each objective section.

American Literature: Three credits for English 279 or 280 with satisfactory completion of the essay section and a minimum score of 46 on the objective section.

Analysis and Interpretation of Literature: Three credits for English 102 with a satisfactory essay and a minimum score of 49. Credit is given after completion of English 101 with a "C" or higher. If CLEP examinations for both Composition and Literature are successfully completed, six hours of credit for English 101 and 102 are earned upon passing any 300 or higher level English with a grade of "C" or better.

Biology: Eight credits for Biology 101 and 102, including laboratory credit with a minimum score of 50.

Business Law: Three credits for Business Administration 347 with a minimum score of 51.

Calculus with Elementary Functions: Four credits for Mathematics 141 with a minimum score of 47.

Chemistry: Four credits for Chemistry 111 with a minimum score of 50.

College Algebra: Three credits for Mathematics 119 with a minimum score of 50.

College Algebra and Trigonometry: Four credits for Mathematics 125 or 3 credits for Mathematics 121 with a minimum score of 50.

College Composition: Three credits for English 101 with a satisfactory essay and a minimum score of 48 on the objective section. Credit is given after completion of English 102 with a grade of "C" or better.

Human Growth and Development: Three credits for Psychology 302 with a minimum score of 47.

Introductory Accounting: Six credits for Business Administration 225 and 226 with a minimum score of 55.

Introductory Marketing: Three credits for Business Administration 350 with a minimum score of 48.

Introductory Sociology: Three credits for Sociology 101 with a minimum score of 50.

Macroeconomics: Three credits for Economics 121 with successful completion of the essay section and a minimum score of 48 on the objective section.

Microeconomics: Three credits for Economics 122 with successful completion of the essay section and a minimum score of 47 on the objective section.

Micro- Macroeconomics: Six credits for Economics 121 and 122 with successful completion of the essay section and a minimum score of 47 on the objective section.

Money and Banking: Three credits for Economics 301 with a minimum score of 50.

Psychology: Three credits for Psychology 101 with a minimum score of 50.

Statistics: Three credits for Economics 291 with a minimum score of 49.

Western Civilization: For Western Civilization I three credits to be selected from History 101 and 111, for Western Civilization II three credits selected from History 102 and 111 with satisfactory completion of the essay sections and a minimum score of 50 on each objective section.

American College Testing Program (ACT PEP)

Credit hours for subjects in which students are knowledgable but have no college credit can be gained through successful completion of the ACT PEP tests. USCS students may take up to 24 credit hours of ACT PEP. Business majors must score in the 70th percentile of the scored population taking the ACT PEP examinations. Baccalaureate nursing majors who are graduates of non-academic nursing programs (associate dergee nursing nursing courses below the 100-level and diploma nursing courses) must complete successfully all three nursing examinations in order to receive credit for lower division nursing. One repeat examination is allowed.

Students wishing to take an ACT PEP test should contact the Counseling and Career Development Office for the necessary

applications and notify their faculty advisor of their intention to take the test.

The ACT PEP examinations accepted by USCS are:

Accounting: Level I: Six credits for Business Administration 225 and 225.

Accounting: Level I: Nine credits for Business Administration 331, 332, and 333.

Accounting: Level II: Area III: Three credits for Business Administration 537.

Finance: Level I: Three credits for Business Administration 363.

Finance: Level II: Three credits for Business Administration 463.

Finance: Level III: Three credits for Business Administration 469.

Management of Human Resources: Level I: Three credits for Business Administration 371.

Management of Human Resources: Level II: Three credits for Business Administration 376.

Management of Human Resources: Level III: Three credits for Business Administration 473.

Marketing: Level I: Three credits for Business Administration 350.

Marketing: Level II: Three credits for Business Administration 352.

Marketing: Level III: Three credits for Business Administration 558.

Operations Management: Level I: Three hours for Business Administration 475.

Note: To receive ACT PEP credit, all three of the following tests must be taken. Passing scores on the three tests earn exemption credit for 24 hours of lower division nursing courses for baccalaureate nursing majors.

Adult Nursing: Eight credits with a score of 45.

Maternal and Child Nursing, Associate Level: Eight credits with a score of 45.

Psychiatric/Mental Health Nursing: Eight credits with a score of 45.

Institutional Credit by Examination

Students regularly enrolled or formerly enrolled in the university may obtain credit by examination in courses in which they have had no class attendance or semester standing. However, permission must be obtained from the dean of the school involved. A grade of not less than "B" on the examination is necessary in order to receive credit for the course. Examinations are not permitted in courses in which students previously have enrolled either regularly or as an auditor. Before the examination, applicants must pay the Office of Student Records a fee of $16 per semester hour. This fee is not refundable. The Office of Student Records issues a receipt which must be shown to the dean of the school conducting the examination. The dean immediately reports the results of the examination to the Office of Student Records. Credits earned under this regulation are recorded only with hours earned.

English Placement Examination

Entering Freshmen who meet the criteria of the English Placement Examination may receive credit for English 101 after making a minimum grade of "C" in the honors section of English 102.

GRADING SYSTEM

Grade Symbols

The grading system outlined below is in effect for all students at the university. Under this system, undergraduate course credit is granted only for earned grades of "A," "B+," "B," "C+," "C," "D+," "D," or "S." Any of the following symbols (except "NR,") become a permanent part of students' academic records when assigned.

"A," "B," "C," "D," and "F" carry the traditional academic connotations of excellent, good, average, poor, and failing performance, respectively.

"S" and "U" indicate, respectively, satisfactory (passing) and unsatisfactory (failing) performance in courses carried under pass-fail or non-credit options. The use of the pass-fail grading option in such courses is indicated in their catalog

descriptions. No course carried under the pass-fail option affects GPR or the evaluation of suspension conditions.

"WF" is assigned for withdrawal from a course after the free drop date (the deadline prescribed in the university's academic calendar for withdrawal without penalty) and is treated as "F" in the evaluation of suspension conditions and GPR computation.

"WF" is assigned for withdrawals after late registration but on or before the free drop date. "W" may be assigned, in exceptional cases, to indicate satisfactory performance in courses from which students withdraw after the free drop date. The grade is used primarily in cases of withdrawal from the university or course withdrawal for medical reasons. See the catalog sections on "Dropping a Course" and "Withdrawal" for an explanation of the procedures necessary for the assignment of this grade. A grade of "W" is treated in the same manner as a passing grade in the evaluation of suspension conditions and GPR computation.

"I," incomplete, indicates satisfactory attendance and performance but failure to complete some portion of the assigned work in the course. By arrangement with the instructor, students may have up to twelve months during which to complete the work before a final grade is recorded. Students seeking an "I" must arrange a meeting with the instructor before the end of the term in order to draw up a contract stating the requirements for the completion of the course. If, as indicated by the instructor, circumstances prohibit a contract meeting before the end of the term, such a meeting should be held within the first thirty days of the next regular (that is, fall or spring) semester. If students do not meet with the instructor to draw a contract by the end of this thirty day period, a final grade may be assigned at the discretion of the instructor. The contract, signed by the instructor and the student, includes the work to be completed and the deadline(s) for completion. In no case is the ultimate deadline more than twelve months from the date that the "I" is given. The instructor keeps the original contract and copies are given to the student and the dean of the school in which the course is offered. After one year a grade of "I" may be changed to another symbol only if it was recorded erroneously. The grade of "I" affects the computation of GPR as if it were a grade of "F" until a permanent grade is assigned.

"AUD" indicates a course was carried on an audit basis.

"NR," no record, is assigned by the Office of Student Records only in the event an instructor fails to submit a student's grade by the proper time. It is a temporary mark on the transcript and must be replaced by a grade. An "NR" is changed to a grade of "S" after one semester if no other grade can be obtained from the instructor by the appropriate dean.

Pass-Fail Grading

The pass-fail grade option is designed to encourage students to investigate fields of study other than those required by their degree program. The pass-fail option is available to all undergraduate students whose semester or cumulative GPR is at least 2.0. Students are permitted to exercise the pass-fail option only on elective courses. No more than eight course may be taken on a pass-fail basis. Pass-fail credits granted for successful performance on Advanced Placement, CLEP, or ACT PEP examinations are not subject to the eight course limitation, nor do they count against the maximum of University courses which a student may take on this basis. The option is offered on all courses at the undergraduate level and normal prerequisites may be waived for students taking a course on a pass-fail basis.

Students wishing to exercise the option must have the permission of the dean of the appropriate school and the consent of their advisor. The option must be elected or revoked no later than the last day for withdrawing from the course without a penalty.

Credit is given for courses taken on a pass-fail basis, but these courses do not effect the computation of the GPR. The only grades assigned on courses taken pass-fail are "S" for satisfactory performance an "U" for unsatisfactory performance.

Grade Point Ratio

The grade point ratio is computed on the basis of all semester hours attempted for credit, except for credit hours carried under the pass-fail option. The GPR is not affected by courses taken on a non-credit or audit basis.

The grade points earned in courses carried with a passing grade are computed by multiplying the number of semester hour credits assigned to the course by a factor determined by the grade. For courses in which the grade of "A" is earned, the factor is 4; for "B+," 3.5; for "B," 3; for "C+," 2.5; for "C," 2; for "D+," 1.5 and for "D," 1. The grade point ratio is determined by dividing the sum total of all grade points by the total number of hours attempted for credit (excepting hours carried on a pass-fail basis). No grade points are assigned to the symbols "F," "S," "U," "WF," "W," "I," "AUD," or "NR."

Grade Reports

At the end of each semester a report of grades is sent to students at their permanent address.

Transcripts

A transcript of students' records carries the following information: admission data, current status, a detailed statement of the scholastic record showing courses pursued with semester hours carried, semester hours earned, grades, grade points, and system of grading. All failures, incomplete grades, and penalties such as probation, suspension, or other restrictions are also indicated. No partial record is issued.

All requests for transcripts must be written. Students needing a copy of their transcript or a certified copy of the end-of-semester grade report must complete a transcript request form at the Office of Student Records. The first transcript made costs $2; all additional copies made at the same time cost $1 each. Certified copies of the end-of-semester grade report are available at $1 each.

Unofficial transcripts are available at the Office of Student Records. Students may obtain the first copy for free; all additional copies made at the same time cost $.50 per copy.

No transcript is issued to students who are indebted to the university.

With the exception of copies made for internal university use, no copy of a student's records is released anywhere (including the State Department of Education) without the student's written consent.

Academic Grievances

Academic grievances include, but are not limited to, the following areas: grading, acceptance into a program (for example, nursing or education), academic policies, and transfer credit. Students having a grievance should start the grievance process with the appropriate academic dean. Each school has developed its own policy for academic grievances. If the problem is not solved at the school level, students may appeal to the Vice Chancellor for Academic Affairs.

ACADEMIC STANDING

All students enrolled at USCS are subject to the same continuation standards. Administration of these regulations is the responsibility of the Vice Chancellor for Academic Affairs, who is not empowered to waive any of these provisions. Students may be granted relief from these regulations by the Committee on Admissions and Petitions only in extraordinary circumstances.

The following standards regarding scholastic eligibility are applicable to all undergraduate students.

Continuation Standards

Student records are reviewed every semester. Students who have attempted 100 hours or more and whose GPR is less than 2.0 are placed on academic probation. Students who have attempted less than 100 hours and whose GPRs are less than the sum of 1.0 plus 1 percent of attempted hours are placed on academic probation. (For example, students with 45 attempted hours must have a GPR of at least 1.45). No students are subject to probation until they have attempted 12 hours.

Students who are on academic probation must obtain at least a 2.0 average on the first 12 or more hours attempted under this status. These hours may be taken over more than one semester. Students failing to meet this requirement are suspended. The duration of each suspension is two semesters. The semester count does not include summer school.

Students on suspension are not admitted or allowed to continue any program of the university for credit or for grade point ratio purposes. Credits earned at other institutions while students are on suspension from the university are not applied toward degrees from USCS or used for improving the grade point ratio. Credits earned through correspondence courses initiated during the period of suspension are not entered on students' academic records until one calendar year from the date of their return to the university.

Students who are granted relief from the suspension provision by the Committee on Admissions and Petitions are placed on academic probation. The Committee may place stipulations on the probationary readmission.

Students returning from suspension begin a new probationary period. Failure to achieve 2.0 GPR on the first 12 or more hours attempted since returning from suspension results in another suspension.

ACADEMIC HONORS

Honor Lists

Each semester academic achievement is recognized by entering student's names on the Chancellor's Honor List or the Dean's Honor List. The Chancellor's Honor List requires a GPR of 4.0 earned on a minimum of 12 credited semester hours. The Dean's Honor List requires a grade point ratio of 3.5 or higher (3.25 or higher for freshmen) earned on a minimum of 12 credited semester hours.

No course carried on a pass-fail basis is counted toward the 12 hours required for either the Chancellor's or Dean's Honor Lists.

Graduation with honors is based on a cumulative GPR calculated on the basis of all work in a student's college career, including any work attempted at other institutions. This calculation includes all courses attempted, not just those submitted to the dean of the appropriate school to satisfy graduation requirements. To graduate with honors students must have earned at least 60-semester hours applicable toward the degree in residence at the university. The following designations indicate a consistently high level of academic achievement throughout a student's entire academic career:

Summa cum Laude:	A cumulative GPR of 4.00
Magna cum Laude:	A cumulative GPR of 3.75-3.99
Cum Laude:	A cumulative GPR of 3.50-3.74

Honorary Societies

Students whose records demonstrate superior academic achievement may be invited to join several honor societies chartered on the USCS campus. These organizations exist not only to recognize outstanding students but also to promote academic achievement in all areas of the university.

A chapter of **Gamma Beta Phi** national honor society was chartered at USCS in 1978. Membership is open to students who rank in the top 15 percent of their class and who have completed fifteen or more semester hours in residence at USCS.

Omicron Delta Kappa is a leadership and scholarship honor society affiliated with Omicron Delta Kappa national fraternity. Membership is open to juniors and seniors who rank in the upper 20 percent of their class and who meet chapter criteria for leadership and service to the the campus.

A chapter of **Kappa Delta Pi**, a national education honorary fraternity, was established at USCS in the spring of 1978. It is open to juniors and seniors who have outstanding academic records and a strong commitment to the profession of education.

GRADUATION

Requirements and Procedures

Applicants for graduation are urged to confer with the appropriate dean about their major program and degree requirements prior to the beginning of their last semester of residence at USCS.

Residence Requirements. The senior year of work (30-semester hours) must be completed in residence at the university. "In residence" means that students are regularly enrolled in the

university, are members of a class which is supervised by a regular faculty member of USCS, attend classes on a regular, pre-established schedule, and in other ways conform to the requirements which are normally connoted by the term "in residence." In residence requirements may not be met by courses for which credit is earned by exemption or examination, courses taken by correspondence, or courses for which transfer credit was awarded. Students who have not established credit for the prescribed number of hours in residence are not eligible for graduation.

Degree Applications. Candidates for degrees and certificates must file formal applications during the last academic term before graduation with the Office of Student Records on forms obtained at that office. Applications must be filed by the third week of the fall or spring semester in which the degree is to be awarded, or within the first ten days of the first summer session. No application for a degree or certification is accepted from students who are not officially enrolled for the semester or summer session in which they wish to graduate, or who have not paid all fees required by the university.

Students submit to their dean a list of courses meeting all regulations and requirements of their school and major department which they claim for graduation and for which their GPR is at least 2.0. This list, after verification, forms the basis for the dean's approval or rejection of students' applications for graduation. (This list contains only the courses in which students have performed at or above the required level. The list need not contain all courses attempted or passed, but only those which students wish to submit in fulfillment of graduation requirements.) A minimum grade of "C" is required for any course submitted for fulfillment of general or intensive major requirements in most degree programs. Exceptions to this requirement are noted in the description of each academic program.

Second Undergraduate Degree

At times the university confers a second undergraduate degree upon candidates who have completed all requirements for the desired degree. A second degree is awarded provided that the additional requirements for the second degree include a minimum of 18-semester hours beyond those required for the first degree. Within the School of Humanities and Sciences, courses accepted toward the requirements for the first degree may not be applied toward the major requirements for the second degree.

CONFIDENTIALITY OF STUDENT RECORDS

In accord with the Family Education Rights and Privacy Act of 1974, students have the right to review, inspect, and challenge the accuracy of information kept in a cumulative file by the university unless they wave this right. This act also insures that records cannot be released, other than in emergency situations, without the written consent of students, except in these circumstances:

1. To other school officials, including faculty, within the educational institution or local educational agency who have legitimate educational interests.
2. To officials of other schools or school systems in which students intend to enroll, upon condition that the students are notified of the transfer, receive a copy of the record if desired, and have an opportunity for a hearing to challenge the content of the record.
3. To authorized representative of the Comptroller General of the United States, the Secretary of the United Stated Department of Education, an administrative head of an educational agency, or state educational authorities.
4. In connection with students' applications for, and receipt of, financial aid.
5. Where the information is classified as "directory information." The following categories of information are designated by the university as directory information: name, address, telephone listings, date and place of birth, major field of study, dates of attendance, degrees and awards received, and the most recent educational institution attended by the the student. Students who do not wish such information released without their consent should notify the Office of Student Records prior to the first day of classes.

Questions about this law and the university's policy on release of academic information may be directed to the Office of Student Records.

FEES, EXPENSES, AND FINANCIAL AID

FEES, EXPENSES, AND FINANCIAL AID

General Information

The university reserves the right to alter any charges without notice. All charges are due and payable on the date that they are incurred, or the date indicated on the ticket, invoice, or statement. Checks for the exact amount of the total charges should be made payable to "University of South Carolina at Spartanburg."

Students failing to pay all required registration fees on or before the last date to change course schedule (as indicated in the university calendar) may be dropped from class rolls.

Students failing to relieve any other indebtedness to the university or to any of its auxiliary agencies on the date such obligations become due and payable may not be permitted to attend classes, stand final examinations, or be issued a transcript, diploma, degree, or any other official statement.

Residence Status

University fees and tuition are assessed on the basis of state residence. For this purpose state law defines South Carolina residents as "persons who have been domiciled in South Carolina for a period of no less than twelve months with an intention of making permanent home therein." In addition, "persons who reside in and have been domiciled in South Carolina for less than twelve months but now have full-time employment in the state and the spouse and unemancipated minors of such persons may be considered South Carolina residents for tuition and fee purposes at state institutions." Students who have any questions about residency for the purpose of determining fees and tuition, or who desire further information, should consult the Office of Admissions. Out-of-state students who think they are able to qualify for resident tuition fees must, at least one month prior to the semester for which state resident classification is desired, submit an application to the Office of Admissions and present proof of permanent residence in South Carolina.

The Office of Admissions does not have sufficient time to review the residency status of students admitted within two weeks prior to registration for any term. The residency status of students in this category is reviewed in their first term at the university before the last day to drop a course without penalty. Students who are found to have been improperly classified as a South Carolina resident are reclassified as a non-resident at this time and are required to pay the difference in fees due the university. This decision is in effect until such time that the

students establish a proper claim to residence as defined by the laws of the state of South Carolina.

ACADEMIC FEES

Academic fees at the University of South Carolina at Spartanburg are established by the University of South Carolina Board of Trustees and are subject to change. For current fee information, please contact the Admissions Office.

Application Fees

Every new student is normally charged a nonrefundable application fee of $15. Exceptions to this charge may be made for certain special categories of admission. Applications must be accompanied by the application fee.

Foreign Students

Foreign students must ordinarily pay "non-resident" fees for the duration of their enrollment, unless they qualify for "permanent alien" status. Their standing in this category and application for in-state fees must be cleared with the residency officer in the Office of Admissions.

Examination Fees

Special examinations to establish undergraduate college credit without class attendance, or to validate credits from a non-accredited college, cost $8.00 per semester hour.

Fall and Spring Semester Academic Fees

A. Full-time students (12-semester hours and above)

1. academic fees: South Carolina residents at $500.00 per semester
2. academic fees: non-residents at $1,070.00 per semester

B. Part-time students (fewer than 12-semester hours)

1. South Carolina residents at $42.00 per hour
2. non-residents at $84.00 per hour

C. Course auditing

1. full-time students:	no charge
2. part-time students:	$10.00 per course
3. students taking no credit work:	$40.00 per course

Summer Session Academic Fees

The following fees are payable in full at the beginning of each summer term and should not be sent in advance. Students bringing checks should bring separate checks for each summer session in the exact amount to cover registration.

A. Course Fee

1. South Carolina residents:	$42.00 per semester hr.
2. non-residents:	$84.00 per semester hr.

B. Course Auditing

1. full-time students:	no charge
2. part-time students:	$10.00 per course
3. students taking no credit:	$40.00 per course

Insurance

Student health and accident insurance is available optionally to all full-time students paying full fees. It may regularly be purchased only at the beginning of the fall semester, except in the case of new and transfer students. Contact the Student Affairs Office for details on coverage and fees.

Other Fees

A. Graduation fee (each application for degree includes cap, gown, and diploma).....$ 25.00

B. Replacement of diploma as originally issued.....$ 25.00

C. Transcript fee

1. first transcript, single copy.....$ 2.00
2. each additional copy ordered at same time....$ 1.00
3. certified end-of-semester grade reports per copy..$ 1.00
4. unofficial transcript per copy (first copy free)..$ .50

D. Duplicate registration certificate fees

1. replacement identification card.....$ 5.00
2. replacement treasurer's fee receipt.....$ 5.00

E. Parking. Students planning to park a motor vehicle on campus must purchase and display a USCS parking sticker for each vehicle, and comply with regulations as set forth.

Motor Vehicle Registration Fees:

1. fall registration (valid for one year).....$15.00
2. spring registration (also valid for summer).....$10.00
3. summer registration only.....$ 5.00
4. replacement decal.....$ 4.00

F. Physical activities locker fee

1. per year.....$ 2.00
2. summer.....$ 1.00

Estimated Expenses for One Academic Year

Note: the following estimate represents a reasonable minimum; it does not include meals, travel, room and board, etc.

South Carolina residents:
academic fees ($500.00 per semester).....$1000.00
books (estimate: $100.00 per semester).....$ 200.00
Total.....$1200.00

Out-of-state residents:
academic fees ($1070.00 per semester).....$2140.00
books (estimate: $100 per semester).....$ 200.00
Total.....$2340.00

Fines

A. Bad checks or credit cards returned for any reason...$10.00

B. Late enrollment or late payment of fees.....$10.00

C. Reinstatement of enrollment caused by return of check or credit card by bank for any reason (does not include late fee or bad check fee).....$40.00

D. Damage: students are charged for damage to university property or equipment

E. Parking

1. parking improperly.....$ 3.00
2. parking decal or permit not displayed.....$ 1.00
3. parking in "No Parking" area.....$ 5.00
4. parking in "Loading" or "Service" zone.....$ 5.00
5. blocking (for example, sidewalk or driveway).....$15.00
6. no parking permit for zone.....$ 5.00
7. parking at fire plug, in lane.....$ 5.00
8. parking on grass.....$ 5.00
9. parking along yellow curbs.....$ 5.00
10. parking in reserved spaces.....$ 5.00
11. failure to register.....$10.00
12. parking in "Handicap" space or blocking space or curb cut.....$25.00

Refunds

University academic fees are refunded according to the following schedule: (1) to students who withdraw completely from the university, (2) to part-time students who drop a course or courses, and (3) to students who are reclassified as part-time students as a consequence of dropping a course or courses.

Fall and Spring Semester Academic Fees. Refunds are issued in the following circumstances:

	Refund
1. complete withdrawal or course drop before end of late registration	100%
2. complete withdrawal or course drop from end of late registration until two weeks after the beginning of the semester	70%
3. complete withdrawal between two and three weeks after the beginning of the semester	40%
4. complete withdrawal between three and four weeks after the beginning of the semester	20%
5. complete withdrawal more than four weeks after the beginning of the semester	none
6. course drop more than two weeks after the beginning of the semester	none

Summer Term Academic Fees. Refunds are issued in the following circumstances:

	Refund
1. complete withdrawal or course drop before the end of late registration	100%

	Refund
2. complete withdrawal or course drop from the end of late registration until one week after the beginning of the term.....	40%
3. complete withdrawal or course drop between one and two weeks after the beginning of the term....	20%
4. complete withdrawal or course drop more than two weeks from the start of the term.....	none

FINANCIAL AID

Purpose and Eligibility

The purpose of financial aid is to provide assistance to students who would otherwise be unable to pursue their education. Students and parents are the primary resources for helping students meet educational expenses. Financial aid is used as a supplement to these resources. USCS seeks to identify and provide financial aid to its students through awards based on demonstrated financial need, academic promise, or both. Grants, loans, work programs, and scholarships are awarded insofar as funds are available from federal, institutional, and private sources.

To be eligible for financial aid students must be enrolled on at least a half-time basis and maintain satisfactory academic progress. In addition, eligibility for programs based upon need is determined by the needs analysis calculated from the Family Financial Statement.

If application for financial aid is being made at USCS, students transferring from other post-secondary institutions are required to submit a financial aid transcript to the USCS Financial Aid Office from each institution previously attended.

All students must be in good financial standing with the university in order to receive financial aid (see section on "Indebtedness").

Satisfactory Progress for Financial Aid

Merit Scholarships. Students receiving any financial aid at USCS are expected to maintain satisfactory progress toward completion of their programs of study. In the case of merit scholarships, students must meet the specific criteria of those scholarships, which usually include maintaining a minimum 3.0 grade point ratio.

Other Aid. In the case of all federal student financial aid, institutional scholarships, grants and loans based upon need, athletic ability or other talents, students are considered to be making satisfactory progress if they are admitted and enrolled as

degree or certificate students and meet the university's standards for continued enrollment as specified in the "Academic Standing" section of the catalog. Waiver of academic standing requirements by the Admissions and Petitions Committee to allow students' continued enrollment is not evidence of satisfactory progress. In addition to these requirements, to be eligible for financial aid students must complete degree or certificate requirements within a reasonable length of time. This period of time is defined as 10 semesters for a four year degree or 5 semesters for a two year degree for students who are enrolled full-time (12 or more semester hours attempted). The total number of semesters for students enrolled part-time (less than 12-semester hours attempted) cannot exceed the equivalent of 10 semesters for a four year degree or the equivalent of 5 semesters for a two year degree or certificate.

Readmission After Suspension. Upon written application, students readmitted following academic suspension are eligible for financial aid if they are enrolled for a minimum of 6 hours. These students must earn a 2.0 GPR on the first twelve hours attempted following readmission to maintain further financial aid eligibility. Following completion of these twelve hours, subsequent financial aid eligibility depends upon meeting the university's standards for continued enrollment as outlined in the "Academic Standing" section of the catalog.

Appeal. Students terminated from financial aid have the opportunity to appeal such action to the Financial Aid Committee. Procedures for appeals are available upon request from the Office of Financial Aid.

Grants

Pell Grants. These are designed to be the foundation of financial aid assistance. Their purpose is to make sure that all eligible students have at least some of the money they need to continue their education after high school. The amount of each Pell Grant depends on students' financial need, the cost of their education, and the actual amount of time they are enrolled during the school year.

Supplemental Educational Opportunity Grants. These are awarded to a very limited number of students with financial need. Grants are restricted due to the shortage of appropriated federal funds.

Loans

Buchheit Nursing Loans. These loans are provided by the Carolina Piedmont Foundation for qualified nursing students who are residents of Spartanburg County and who show academic promise and financial need. Long-term loans of up to 85 percent of tuition

are available each semester, with repayment in monthly installments to begin three months after graduation or withdrawal from the nursing program.

Guaranteed Student Loans. These loans allow students to borrow as much as $2,500 from a participating bank, state agency, or other financial institution. Students whose family adjusted gross income is $30,000 or less may borrow without undergoing a financial needs test. Students whose family adjusted gross income is greater than $30,000 must undergo a financial needs test. The federal government pays the interest on the loan while students are in school. Repayment and 8 percent interest begin six months after students graduate, leave school, or drop below half-time enrollment. Loan applications may be obtained from the Financial Aid Office.

Murph Memorial Fund. This fund is for sophomores in the Associate Degree in Technical Nursing program who borrow on a short or long-term basis. Repayment must begin three months after graduation or withdrawal.

National Direct Student Loans. These loans permit students to borrow money from the federal government through the school. This is a need-based loan. Repayment and interest begin six months after graduation, leaving school, or dropping below half-time enrollment. The interest is 5 percent per year and repayment may be extended over a period of ten years.

Work Opportunities

Job opportunities are available on campus through the College Work-Study Program and the Student Assistant Program. These jobs can be a source of valuable work experience as well as financial aid. Under the Work-Study Program the university pays a part of the student's wages, and the government pays the remainder. The basic pay rate is the current minimum wage. Students working under this program are usually limited to no more than 15 hours per week during periods of regular enrollment. Student Assistant jobs are funded by the university with the individual departments determining whether or not to hire. These jobs usually require highly specific skills. In addition, local business firms often list off-campus job opportunities with the Placement Office.

Scholarships

USCS awards scholarships to students of academic ability or achievement, to those majoring or planning careers in certain fields, to those with financial need, and to those who meet one or more other requirements, including having special talent in athletics, debating, drama, or music. Often a scholarship is given on the basis of several of these considerations. A few

students hold more than one scholarship at a time and some receive a scholarship plus some other kind of financial aid. Scholarships are not given only to students with very high grade point ratios.

The amount of the award varies greatly, ranging from $100 to $1,250 per year, the latter sum being enough for tuition, fees, and books. Awards are usually made for one year; however, a few are renewable for up to four years as long as recipients meet the requirements.

Students and prospective students may obtain scholarship application forms from the Financial Aid Office after January 1 and must complete them by March 1, unless another place or date is noted below.

Administrative Management Society Scholarship. This scholarship pays full tuition and fees each semester to a full-time senior majoring or taking significant work in business. Criteria are a minimum GPR 3.0, outstanding service to campus and community, academic aptitude, character, and leadership. Applications are available from office of Dean of School of Business.

Computer Club Scholarship. This scholarship awards $400 annually to a senior computer science or data processing major with at least 12 hours completed at USCS. To be eligible, students must have a minimum GPR 3.0 and be an active member of student computer club.

School of Education Scholarship. Full tuition for one semester is awarded annually to a student who has completed 75 semester hours and has been admitted to the Professional Program of the School of Education. Criteria include financial need, academic excellence, and altruistic goals. Applications are available in the School of Education office.

Faculty and Staff Dependents Scholarship. This scholarship awards varying amounts to full-time undergraduate dependents of full-time slotted USC system employees. Criteria are a predicted 3.0 GPR for freshmen, and a 3.5 cumulative GPR for first-time upperclassmen. The application deadline is February 15.

Earl Gordon Scholarship. Varying amounts are awarded to sophomores and juniors. Awards are based upon a minimum 2.0 cumulative GPR, service or involvement in school or community, and financial need. Applications may be made at the office of the of Carolina Piedmont Foundation.

James B. Greer Scholarship. This scholarship awards $300-$400 per semester to a senior 23 years of age or older whose past education was interrupted by full-time employment, military service, or family responsibilities for a minimum of two years. Criteria include a minimum GPR 2.0 and contributions to USCS through service to student government, publications, or the Student Affairs Office, for example.

J. Davis Kerr Scholarship. This scholarship awards $100 to a student preparing either for law school (pre-law) or a student playing on the women's basketball team.

Frances Johnston Hackett Scholarship. Varying amounts are awarded at the discretion of the Criminal Justice Faculty to a student who requires financial assistance. Students should apply to the Dean of the School of Humanities and Sciences.

Humanities Grant. A grant of $200 is awarded annually to support a special project in the Humanities by a deserving student in any department. The application deadline is the last day of fall semester classes.

Inman-Riverdale Foundation Nursing Scholarships. Full tuition to cover four semesters and one summer session is awarded to two incoming freshmen nursing students. Priority preferences in selecting recipients are: a child of an Inman Mills employee, resident of Inman or Enoree, or resident of Spartanburg County; financial need; character, aptitude, leadership, scholastic qualities, and agreement to work in Spartanburg County for two years.

Kiwanis Club of Spartanburg Scholarship. The Kiwanis scholarship awards $250 annually to each of two incoming freshmen. The award is made to Spartanburg County residents with financial need and scholastic merit.

Part-Time Student Scholarship. A scholarship of $50 per semester is awarded to a student taking no more than 7 hours. The award is made to the applicant with the highest academic performance who is receiving no other financial aid.

Piedmont Scholarships. Six scholarships of $1,250 per year for four years are awarded annually to high school seniors from Cherokee, Greenville, and Spartanburg Counties on the basis of academic ability, leadership qualities, and school and community involvement. Inquiries should be directed to the Admissions Office. The deadline date is January 6.

Matthew Poliakoff Scholarship. This scholarship awards $100 to a junior with financial need, a minimum GPR of 3.0, majoring in political science or business administration, or a student following a pre-law program. Preference given to students demonstrating an interest and planning participation in governmental processes.

Music Scholarships. Music scholarships are available to outstanding students in band and voice. Interested students should contact the Dean of Humanities and Sciences.

ROTC Scholarships. Four, three, two, and one year scholarships which pay for tuition, textbooks, laboratory fees and other miscellaneous academic expenses together with a tax-free monthly subsistence allowance are available. For information, contact the ROTC Office in the Hodge Center.

Risdon Corporation Business Scholarship. This scholarship awards $500 annually to a senior business major with a minimum 3.0 GPR. Apply at office of Dean of School of Business.

Risdon Corporation General Scholarship. The Risdon Corporation General Scholarship awards $500 annually to a "nontraditional" student, preferably one beginning or resuming college work after an extended period of absence from academic studies.

Rotary Club of Spartanburg Scholarship. This scholarship awards $400 annually to a Spartanburg County resident from a non-Rotarian family with financial need and proven scholastic aptitude.

Olin B. Sansbury, Sr. Scholarship. This scholarship awards $450 annually to a student with academic ability, financial need, and potential as a contributing citizen of school and community. Preference is given to those planning a career in public affairs.

Science and Mathematics Scholarship. This scholarship awards up to $350 annually to a rising junior or senior science major with financial need and a minimum GPR 3.0. Applications should be made to the Dean of the School of Humanities and Sciences.

D.L. Scurry Foundation Scholarships. This scholarship awards varying amounts to South Carolina residents who demonstrate academic ability and financial need.

Eugene Blakely Sloan and Janie Lindsay Sloan Scholarship. A scholarship of $250 is awarded annually to a junior with a minimum 3.0 GPR and completion of at least two semesters each in English, history, mathematics, foreign language, and lab science.

South Carolina Electric and Gas Company Scholarship. This scholarship awards $750 annually to students in the upper one-third of their class who demonstrate financial need and outstanding leadership qualities and whose parent(s) are customers of South Carolina Electric and Gas.

Sulzer Brothers Scholarship. This scholarship awards $200 annually to a student with financial need and academic ability who has completed international studies or foreign language course work.

Teresa D. Tiller Splawn Memorial Scholarship. This scholarship awards varying amounts to a nursing student who has previously worked in a nonprofessional health service position.

Veterans of Foreign Wars Scholarship. This scholarship awards $630 annually to a child of a deceased veteran, veteran, or V.F.W. member who is or was a Spartanburg County resident.

University of South Carolina Alumni Scholarships. This scholarship awards varying amounts by judicial circuits in South Carolina and metropolitan areas outside the state. These awards are based on academic ability and are renewable. The deadline date for applications is February 1.

Other Aid

Veterans and Dependents Benefits. Educational benefits are available to qualified veterans and children of deceased and disabled veterans. Inquiries should be made at the Financial Aid and Veterans Affairs Office.

Vocational Rehabilitation. This service is to conserve the working usefulness of persons with an impairment who have reasonable expectations of becoming employed. Students who might qualify for Vocational Rehabilitation aid to attend college should communicate with the Office of Vocational Rehabilitation in the county seat of their home county for more information.

STUDENT SERVICES

STUDENT SERVICES

The purpose of the student services program is to contribute to the total development of students as individuals. This is accomplished through services and activities designed to supplement students' academic programs as well as to assist them in physical, emotional, and social growth.

Academic Advisors

Freshmen or transfer students with less than 45-semester hours are assigned an academic advisor from the Freshmen-Sophomore Center. When students have earned between 30 to 45-semester hours, an academic advisor is assigned by the dean of the school in which they plan to major. The Dean of Students assigns advisors for students who are undecided or who have not declared a major. These advisors assist students in planning their academic programs. However, it is the students' responsibility to follow degree requirements published in the USCS catalog.

Career Development

Career development counseling is available to students to assist them in the clarification of their personal goals and in exploring career opportunities. A career information library offers useful data on thousands of jobs and hundreds of employers. Individual and group counseling is available free of charge.

Child Care

Children from three to six years of age can be enrolled at the Burroughs Child Development Center. The Center is open from 7:30 a.m. to 5:30 p.m. weekdays. Students with demonstrated financial need can enroll their children free of charge while others pay a weekly fee for each child. Hourly care for children from two to ten years of age is also available from 3:00 to 9:00 p.m. Monday through Thursday. An after school pick-up service is available on a limited basis. An after school program of planned activities for school age children is available. This program, which includes school pick-up, runs from 2:30 to 5:30 p.m.

Counseling

Counseling services are provided without charge to USCS students on matters of personal, educational, and career concerns. The counseling staff includes several counselors with advanced degrees and training. Services offered included individual, interpersonal, marital counseling, personal adjustment, group counseling, educational counseling, and career interest testing. Consultation to community and campus agencies is also available.

Developmental Studies Program

This program coordinates developmental courses in reading, English, and mathematics. Its staff also supervises the Tutoring Laboratory, the USCS Reading Clinic, administers Title IV, and Piedmont Area Talent Search Program.

Developmental Courses. Mathematics 100, English 100, General Studies 121 and 122 are each 3 credit hour courses available to entering freshmen or transfer students. Admission to these courses is based upon students' advisement tests and recommendation by their advisors.

Tutoring Laboratory. All USCS students can receive free tutoring in all major disciplines. Students can schedule appointments or can be served on a first-come, first-serve, walk-in basis. The tutoring laboratory is located on the second floor of the Library Classroom Building.

Reading and Math Clinic. Reading and mathematics instruction is available to public school students and adult clients. A testing session is conducted prior to the scheduling of one-to-one reading instruction. A fee is charged.

Piedmont Area Talent Search. P.A.T.S. offers academic, personal and career counseling to residents in the Piedmont area of South Carolina who meet program guidelines. Counselors work with area high schools, post-secondary educational institutions, and social agencies to identify and assist clients in realizing their educational goals.

Foreign Students

Foreign students should contact the Director of International Education shortly after their arrival on campus for orientation and information especially relevant to foreign students.

Freshmen-Sophomore Center

The Freshmen-Sophomore Center provides counseling and advisement to all new students and transfer students with 45 or fewer credit hours. Counseling and advisement is conducted by selected

freshmen-sophomore advisors from all schools and divisions within the university. The Center attempts to assign an advisor from the subject area in which students want to major; however, freshmen-sophomore advisors are knowledgeable about all programs of the university.

The Para-professional Advisement and Leadership Staff (P.A.L.S.) is an elected group of sophomores, juniors, and seniors at USCS who serve as friends, guides, para-professional advisors, and orientation leaders for all entering freshmen. The P.A.L.S. help with orientation, registration, and small group meetings throughout the freshman year.

When students earn approximately 30 to 45-semester hours either at USCS or through accepted transfer credits, they may begin the transfer process to the school or division of their chosen major. However, students must meet the criteria for acceptance into the school or division.

Handicap Program

Under the auspices of the Dean of Students, the university is dedicated to the principle that equal opportunity to realize one's full potential should be available to all students. In keeping with this principle, USCS provides for handicapped persons equal opportunities and accessibility of programs as well as institutional structures.

International Education

The Director of International Education has information on study and travel abroad programs run by USCS and a broad range of other programs open to USCS students. Further information is available in the Office of Vice Chancellor for Academic Affairs.

Job Placement

The Placement Office operates within the framework of the Career Development Center and is staffed by a placement counselor. Job Opportunity Bulletin Boards for summer, part-time, and full-time jobs available for students are located in the Hodge Center, Administration Building, Library Classroom Building, Mary Black School of Nursing, and the Media Center. Additional job information is available in the Placement Office. The Placement Office offers a credential service and resume preparation and interviewing skills workshops. In addition, the Placement Office staff assists many graduating students in finding employment through recruitment activities in business, industry, and government. Alumni are encouraged to use the

Placement services for improving their own career and to list job openings that USCS students can fill.

Publications

Maggie's Drawers, the literary magazine, was first published in the spring of 1973. Its title, which signifies a complete miss of the target on the rifle range, was chosen to fit the school emblem, the Spartan Rifles. Maggie's Drawers is published semiannually and exists primarily as an outlet for the creative efforts of the USCS students. However, a special edition of the journal is published each year devoted to the work of high school students.

The Carolinian, the weekly campus newspaper, is published entirely by students. It contains information pertaining to student life from club news and athletic results to features and weekly columns.

Public Safety Office

This office provides for the physical safety and security of students, faculty, and staff. It operates 24 hours a day.

Student Government Association

The S.G.A. is composed of a group of elected student officials who work to conduct student functions and to maintain lines of communication among the faculty, administration, and student body. Students are appointed to various university committees upon the recommendations of the S.G.A. Campus social activities are coordinated through the S.G.A. Student organizations are chartered upon its recommendation, and budgets of all organizations must be reviewed by the S.G.A.

Student Handbook

The USCS "Student Handbook" contains additional rules and regulations as well as the "Code of Academic Responsibility." Students are responsible for obtaining a copy of the handbook from the Student Affairs Office upon registration.

Student Organizations

There are a variety of student organizations available for student participation. For more information, consult the "Student Handbook."

Tutoring Laboratory

The Tutoring Lab provides free tutorial help to students in all subject areas. Junior and Senior level students provide this instruction by appointment or on a drop-in basis. The Tutoring Lab is located in the Library Building, second floor.

Veterans Affairs

Students eligible to receive Veterans' educational benefits should contact the Veterans Coordinator. Students receiving veterans benefits are required to report any changes in curriculum, including courses dropped or added, absences, and withdrawal. Failure to report such changes results in termination of benefits.

ACADEMIC PROGRAMS

ACADEMIC PROGRAMS

Curricula

The curricula established for all baccalaureate degrees include, generally, a set of courses that fulfill the general education requirements, a set of courses that comprise a departmental major, a set of courses that comprise a cognate, and several elective courses.

General Education Requirements. A set of general education requirements is included in each baccalaureate degree program. The purpose of such requirements is to provide a broadly based educational foundation upon which an area of specialization may be developed. For this reason, students are encouraged to select various courses outside their major area of study.

In order to help to insure common educational competencies and skills in all students, the faculty of USCS has adopted a set of general education requirements that apply across all schools of the university. Prospective USCS students should be aware that these general education requirements will result in some modification of current degree programs. Such modifications will apply to students entering USCS for the first time in the fall of 1985. The general education requirements are the following:

General Education Requirements

The general education requirements listed below are incorporated into all majors at USCS. They represent a minimum level of introduction to various subdivisions in the Liberal Arts, providing a common educational experience for all USCS graduates.

A course may be used to satisfy only one general education requirement.

1. Communication

Purpose: To be able to read, write, speak, and comprehend standard English effectively.

English 101, 102.....6
Theater 140.....3

All students must be proficient in writing to graduate from USCS. English 102 at USCS satisfies this

requirement. Transfer students may demonstrate proficiency in writing by any of the following:

a. successful completion of English 102 at USCS
b. successful completion of a writing competency test (the test may be repeated once)
c. successful completion of English 245 at USCS

All students must also be proficient in reading. Students who fail a reading competency exam upon entering must complete General Studies 121.

2. Mathematics

Purpose: To have knowledge of the fundamentals of algebra especially as used in solving principal, interest, motion, area, volume, rate, and comparable concepts; to be able to construct, read, and interpet graphs, to be able to understand elementary statistics.

Mathematics 121 or a higher level mathematics course (some USCS majors require higher level mathematics courses) or successful completion of a mathematics competency examination.....3

One additional course to be selected from a higher level mathematics course, logic, or statistics....3

3. Arts and Humanities

Purpose: To exhibit an appreciation of the cultural roots of modern society; to develop analytical reading and writing skills; to explore the fine arts: music, art, drama.

Fine arts.....3
History 101, 102, 111, or 112.....3

One course selected from the following:.....3

English Literature	Art History
American Literature	Music History
World Literature	Theater History
Literature in a foreign language	Philosophy
History	Religion

4. Social and Behavioral Sciences

Purpose: To understand the dynamics of interactions at the personal, group, and societal level; to have introductory understanding of the dynamics of local, state, national, and international relationships; to exhibit the ability to organize data and information and to analyze and interpret data and information.

Government 201.....3

Courses from two of the following, with two disciplines represented:.....6

Anthropology
Economics 121, 122
Government and International Studies
Geography 103
Psychology (except statistics)
Sociology (except statistics)

5. Natural Science

Purpose: To explore the methods, strengths, and limitations of science; to exhibit a knowledge of important scientific models which form a basis of our modern culture; to experience the gathering, organization, and interpretation of data; to explore the interrelatedness of science and society.

Two courses, including at least one laboratory course, to be selected from one or more of the following:..7-8

Astronomy
Biology
Chemistry
Geography 201, 202
Geology
Physics

6. Foreign Culture

Purpose: To develop an understanding of contemporary foreign culture; to have an awareness of cultural diversity; to increase understanding of international issues.

A course of an international nature. The following courses satisfy the Foreign Culture requirement:

Anthropology 101
Art
English 276, 290, 322, 423, 319
Geography 121, 212, 340
Government and International Studies 310, 447, 491 (Great Decisions)
History 105, 106, 112, 312, 321, 322, 357, 358, 492, 565
Sociology 305

Or any foreign language course except 103.....3-4

7. Computer Studies

Purpose: To exhibit a knowledge of the uses and limitations of computers, both generally and in the student's major discipline; to be able to use existing software packages and word processing on a microcomputer.

Computer Science 130 (or a higher level computer course; some USCS majors require higher level computer science courses).....2
A course selected from Computer Science 131-136.....1
Or Engineering 110.....3

Students with previous computer experience may satisfy the Computer Studies requirement by successful completion of a competency test.

8. Senior Seminar

Purpose: To integrate knowledge at an advanced level; to explore ethical issues; to gain experience in research and oral presentation.

A course or combination of courses (1 or more credit hours) selected in consultation with the student's major advisor.....1

47-49

Major Requirements. Each baccalaureate degree program includes courses to enable students to specialize in a particular area of interest. A minimum grade of "C" is required for any course submitted for fulfillment of a major requirement. Exceptions to this requirement are noted in the description of each academic program.

Cognates. In addition to the satisfactory completion of courses in the major field of study, students must also complete a specified number of hours in advanced courses related to their major as prescribed by their major school. Cognates are not required for professional degrees (i.e., nursing, education, business administration).

The cognate is intended to support the course work in the major. The cognate is not a second set of elective courses chosen at random. The cognate must be approved by the advisor as related to the major field of study. Courses taken for cognate credit should be junior-senior level courses and must be approved in advance by the student's major advisor. Cognate courses may be taken in one or more departments. The following courses are usually considered to be junior-senior level courses:

Art	all numbered 200 and above
Biology	all except 101, 102, 110, 232, 242,400, 400
Business Administration	all numbered 300 and above
Chemistry	all except 101, 102, 111, 112
Computer Science	all numbered 210 and above
Economics	all except 121, 122
Education	all numbered 300 and above
English	all numbered 300 and above
Foreign Language	all numbered 300 and above
Geography	all numbered 200 and above
Government and International Studies	all except 201
History	all numbered 300 and above
Journalism	all numbered 300 and above
Mathematics	all numbered 241 and above except 501 and 502
Music	all numbered 200 and above
Philosophy	all numbered 200 and above
Physics	all above 202
Psychology	all except 101 and 225
Sociology	all numbered 300 and above
Theater and Speech	all numbered 200 and above

Electives. Most degree programs allow students the opportunity to take a limited number of courses that do not fulfill any specific academic requirements. Normally, any course can be counted as an elective, but some restrictions may be

imposed by particular degree programs. Elective credits for participation in the university chorus, orchestra, band or physical education activity courses may be counted up to a maximum of 4 credits. Elective credits for special university courses (UNIV) may be counted up to a maximum of 6 credits.

Advisement

It is the responsibility of students to see that they complete all requirements for the degree. Students and their major advisor are responsible for evaluating progress toward the degree and for interpreting and applying major requirements. Normally, students are able to progress by accepting the advice of their advisor, a faculty member in the field in which students intend to major. When special problems arise, students may consult their dean or the Vice Chancellor of Academic Affairs.

Graduate Regional Studies Program

The Graduate School of the University of South Carolina at Columbia offers courses on the USCS campus. Classes offered include guidance and counseling; journalism; librarianship; social work; and art, early childhood, elementary, secondary, and reading education as well as educational administration. Other courses may also be taught. For a listing of course offerings, applications, and other information consult the Director of Graduate Regional Studies, located in the Media Building on the USCS campus (578-1800, ext. 353).

New Students. New students must apply for admission to the Graduate School of the University of South Carolina. A nonrefundable application fee of $25 is required of all applicants. Students planning to take courses on the USCS campus should send applications to the Office of Graduate Regional Studies, USCS.

Admission for Renewal of Teaching Certification. This admission status permits teachers to take 12 hours of graduate credit over the next five years in order to renew their teaching certificate. Applicants must complete only the Certification Admission form, provide their teaching certificate number, and pay a $25 application fee. No transcripts or other forms are required. Applicants eligible to use this admission status are those who enroll to renew a professional certificate, intend to take only 12 hours during the next five years, do not plan to enter a degree program, and have taken no USC graduate courses in five years.

Students wishing to take more than 12 hours during the five year period must submit a regular Graduate School application for non-degree admission. No additional application fee is required.

Fees for certified teachers (both in-state and out-of-state) are currently reduced to $50 per credit hour. Teachers must have a valid teaching certificate. The tuition reduction is only available for those taking less than 12 hours. To avoid delays at registration, teachers should bring a photocopy of their teaching certificates.

Non-Degree Status. Teachers may register for 12 hours on a non-degree basis by completing an application and requesting that an offical transcript of baccalaureate credits with the degree posted be sent to the Graduate School.

Full Admission to a Degree Program. Applicants are required to meet all standards for admission as outlined in the The University of South Carolina Bulletin.

SPECIAL PROGRAMS

Pre-law

Although law schools do not generally prescribe any certain curriculum for prospective students, USCS provides advisement service and information about various law school programs through the Chairperson of the Division of Social and Behavioral Sciences.

It must be emphasized that there is no pre-law major. While students interested in law school tend to major in government, majors in English, history, economics, or other subjects are all acceptable majors for pre-law students. However, law schools are interested in candidates who have acquired certain skills, among these are mastery of spoken and written English as well as an ability for critical thinking. In addition to the core courses required of all USCS students, the following list of suggested courses may help to prepare students for the study of law.

Pre-law Suggested Courses

Freshman Year

Psychology 101:	Introductory psychology
Foreign language 101, 102:	French, German, or Spanish
Mathematics 121:	Mathematical analysis
Sociology 101:	Introductory sociology

Sophomore Year

Economics 121:	Principles of macroeconomics
History 112:	An introduction to non-western civilizations
Logic 205:	Introduction to logic and rhetoric
Logic 207:	Deductive logic
History 201:	History of the U.S.
Government 310:	International politics

Junior Year

Computer science 130:	Introduction to computer technology
Computer science 131:	Basic programming
Business Administration 225:	Fundamentals of accounting
Logic 208:	Inductive logic
Theater 140:	Public address
Government 564:	State and local government

Senior Year

Government 452:	The judicial process
Government 550:	Constitutional law
Government 551:	Constitutional law

It cannot be emphasized strongly enough that fulfillment of these courses does not assure a student's acceptance into law school. Students in any major or program interested in attending law school should see the Chairperson of the Division of Social and Behavioral Sciences for assignment of a pre-law advisor.

Pre-pharmacy

USCS provides advisement services to pre-pharmacy students through specified faculty members in the School of Humanities and Sciences. In the fall, a representative of the School of Pharmacy from the University of South Carolina at Columbia meets with interested USCS students to help with advisement. Additionally, other schools send recruiters to USCS for prospective pharmacy students.

It must be emphasized that USCS does not offer a degree in pharmacy. However, through an arrangement between USCS and the USC School of Pharmacy, students may apply to the USC School of Pharmacy as early as their freshman year, receive conditional acceptance, and continue at USCS until the beginning of their second pharmacy year. Students should note that the School of Pharmacy considers English 101 and 102 (Composition and Composition and Literature), an English course at the 200-level, Mathematics 125 (Precalculus Mathematics), and all elective hours as a part of the required courses for the pharmacy program. Students

must also have either Economics 121 or 122 (Principles of Macroeconomics or Principles of Microeconomics). The following additional required courses have been developed through consultation between the USC School of Pharmacy and USCS.

Pre-pharmacy Courses

Pre-Pharmacy Year	
Chemistry 111:	General Chemistry
Chemistry 112:	General chemistry and qualitative analysis
Economics 121:	Principles of macroeconomics
Economics 122:	Principles of microeconomics
Mathematics 141:	Calculus
Psychology 101:	Introductory to psychology
First Pharmacy Year	
Chemistry 231:	Organic chemistry
Chemistry 231L:	Organic chemistry lab
Chemistry 232:	Organic chemistry
Chemistry 232L:	Organic chemistry lab
Physics 201:	General physics I
Physics 202:	General physics II
Mathematics 201:	Elementary statistics
Biology 232:	Anatomy
Biology 242:	Physiology

This course list assumes that students have completed a year in general biology in high school. If they have not, Biology 110 should be taken in the freshman year for elective credit. In addition, while Computer Science 130 and 131 are recommended for meeting the computer literacy requirement, students who meet the prerequisites may prefer to take Computer Science 140.

As soon as possible, students interested in pursuing a career in pharmacy should contact the Chairperson of the Division of Science and Mathematics for assignment to a pre-pharmacy advisor.

Army Reserve Officer Training Corps (ROTC)

Participation in ROTC is voluntary. Uniforms, textbooks, and equipment required for the ROTC program are provided at no expense to the student. For ROTC scholarship students, the Army pays tuition and other expenses (see description under "Scholarships"). The ROTC program is normally four years of instruction; however, a two-year program is also offered. The four-year program of instruction is divided into the Basic Program and the Advanced Course.

The Basic Program. Acceptance may be considered when one of the following programs have been completed: six credit hours in

the Basic Program, two years of active military duty with an honorable discharge, or three years of JROTC. Students must show leadership potential and meet the necessary physical and academic standards.

The Advanced Program. Satisfactory completion of six credit hours in the Basic Program, ninety contact hours in ROTC-sponsored extracurricular activities (see below), substitute military experience (two years of active duty with an honorable discharge), or three years of JROTC qualifies students for entrance into the Advanced Program, if they have also shown leadership potential and have met the necessary physical and academic standards.

Normally taken during students' junior and senior years, the Advanced Program offers a maximum of 12-credit hours. It provides instruction in techniques of effective leadership, tactics, military law, logistics, administration, responsibility of the officer, and the exercise of command. It is designed to further the development of the students' leadership qualities. Advanced Program students receive a tax-free subsistence allowance of $100 per month for ten academic months per year, and are paid approximately $800 for the six-week Summer Camp they are required to attend after completion of their junior year. The total subsistence and pay amounts to more than $2,800 while enrolled in the Advanced Program. Cadets graduating from the ROTC program receive a Second Lieutenants' commission upon completing their undergraduate degree requirements.

The Advanced Program cadet may elect to enter active duty for three years or participate in the Reserve Force Duty Program (R.F.D.) as means for fulfilling the incurred obligation for military service. Under the R.F.D. program, students are commissioned in either the National Guard or the U.S. Army Reserves for a total of eight years, during which time they attend monthly paid drill periods. This enables individuals to pursue civilian careers and serve their nation at the same time. The R.F.D. program can be guaranteed if the student desires. Moreover, students' preferences concerning the occupational specialty in which they wish to serve are taken into consideration prior to assignment. The options offered are numerous and attractive.

ROTC Activities. In addition to normal classroom instruction, the Military Science Department sponsors numerous extracurricular activities. These activities are designed to complement and reinforce classroom skills and techniques. Participation is voluntary and no academic credit is awarded. However, contact hours may be accumulated and used for progression into the Advanced Program. The activities presently offered are: the Rifle Team, Special Forces, and The Rangers. A chapter of the National Military Honor Society of Scabbard and Blade is available for student participation. Adventure activities such as rappelling, orienteering, and mountaineering are open for participation.

Faculty
Military Science

LTC John W. Arrington, PMS and Department Chairman
MAJ Oland B. Little, USCS Coordinator
MAJ Mark A. Buffler
CPT Michael J. Blackburn
CPT Christopher Sylvia
SGM Leonza Best, Jr.
MSG Richard Herron, USCS Assistant Instructor

SCHOOL OF
BUSINESS ADMINISTRATION AND ECONOMICS

SCHOOL OF BUSINESS ADMINISTRATION AND ECONOMICS

The School of Business Administration and Economics offers a professional program leading to the degree of Bachelor of Science in Business Administration. The program emphasizes a broad liberal arts background, but provides enough concentration in professional courses to prepare students for entry level jobs in business and industry. The curriculum has sufficient flexibility to adapt to students' particular interests and goals. Students may elect to concentrate in accounting, data processing, economics/finance, or management.

All business administration students are required to earn 42-53 hours in general education subjects such as English, mathematics, public speaking, behavioral science, natural science, and social science. Students are required to earn 28-37 hours in a common business and economics core sequence which spans the full range of business functions and 21-39 hours in a single area of business specialization. Students also have 6-14 hours of electives which can be used for further specialization in business and economics or for exploring areas of academic fulfillment outside the business field.

A minimum average grade of "C" must be earned on all business administration and economics core courses submitted for graduation and all business administration and economics courses submitted to fulfill concentration requirements.

Students who plan to major in business administration should begin the recommended sequence of course completion for fulfilling degree requirements as early as possible. The recommended sequence includes a combination of business and economics and general education courses for each semester in which the student is enrolled in the business program. Students interested in business administration are advised by a faculty advisor from the School of Business Administration and Economics. Those students with less than 45 earned semester hours are assigned an advisor from the Freshmen-Sophomore Center with expertise in Business Administration and Economics. Students are also invited to visit the School of Business and Economics to explore career opportunities.

Students majoring in business administration must meet the regular university admissions requirements and all the additional requirements stated below.

Students desiring admission to the upper division of the School of Business must have completed at least 45 hours with a cumulative GPR of at least 2.0 on all hours attempted. The following courses must be included in the 45 hours with at least an average GPR of 2.0 earned in these courses: English 101, English 102, Mathematics 121 and 122, Economics 121, Business

Administration 190, Business Administration 225, and Economics 291. Application for admission to the upper division is made after the semester students have completed these requirements and have either completed or are currently enrolled in Business Administration 226, Economics 292, and Economics 122. The application form is available in the School of Business Office.

Business administration and economics courses numbered 300 and above are upper division courses and cannot be taken by business administration majors until they have been accepted into the upper division.

Students transferring from other departments or schools within the university system and other accredited institutions are expected to complete the same requirements for admission to the upper division of the School of Business.

Possible exceptions to these criteria are determined by the School of Business Admissions Committee.

Bachelor of Science
Major in Business Administration
(Concentrations in Accounting, Economics/Finance, and Management)

1. General Education Requirements

Group I
English 101, 102 and two English electives.....12
Theater 140 (Public Address).....3
Government 201.....3
Mathematics 121, 122.....6

Group II
Two courses in behavioral science, selected from anthropology, psychology or sociology.....6

Group III
Two courses in natural science, selected from biology, chemistry, geology, physical science (101, 102), astronomy (111, 112), physics (201, 202), geography (201).....6-8

Group IV
Four courses from the following fields: history, foreign languages, geography (other than 201), computer science (other than 131 and one of 131-136) government (other than 201), philosophy, religion.....12-15

48-53

2. **Major Requirements**

A. Business Core (required for all concentrations)
Business Administration 190, 225, 226, 347, 350, 363, 371, 478.....22
Economics 121, 122, 291, 292.....12
Computer Science 130 and one of Computer Science 131-136.....3

37

B. Major Concentration Areas (21 hours in upper division work)

Accounting[1]
Business Administration 331, 332, 333, 335, 535, 537, 539.....21

Economics/Finance
Economics 321, 322, 526; Business Administration 393, 463 and two of the following: Economics 301, 311,503, 594; Business Administration 366 369, 467, 468, 469, 561.....21

Management
Business Administration 390, 393, 475, 477, Economics 526 and two of the following: Business Administration 352, 374, 376, 457.....21

3. **Electives** (at least 9 hours upper division).....9-14

Total hours required.....120

Bachelor of Science
Major in Business Administration
(Concentration in Data Processing)

1. **General Education Requirements**

Group I
English 101, 102, and two English electives.....12
Theater 140 (Public Address).....3
Government 201.....3
Mathematics 121, 122 (or any two of 125, 141, 142).....6-8

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[1]Students planning to take the Certified Public Accountant examination should take Business Administration 348, 393, and 532 in addition to the accounting concentration courses.

Group II
Two courses in behavioral science selected from anthropology, psychology or sociology.....6

Group III
Two courses in natural science selected from biology, chemistry, geology, physical science (101, 102), astronomy (111, 112), physics (201, 202), geography (201).....6-8

Group IV
Two courses from the following fields: history, foreign languages, geography (other than 201), government (other than 201), philosophy, religion.....6-7

42-47

2. Major Requirements

Business Administration 190, 225, 226, 350, 363, 371, 376, 390, 393, 475, 490.....31
Economics 121, 122, 291, 292.....12
Computer Science 140, 240, 320, 331, 420.....15
Three of the following: Business Administration 492, 582, 589, 591, 593, 595, Computer Science 310, 512.....9

67

3. Electives (excluding courses from business administration, economics and computer science).....6-11

Total hours required.....120

SCHOOL OF EDUCATION

SCHOOL OF EDUCATION

The School of Education is an accredited professional school whose chief responsibility is the preparation of teachers for early childhood, elementary, middle, and secondary school certification. The School of Education offers programs in early childhood education and elementary education leading to the Bachelor of Arts degree, in physical education leading to a Bachelor of Science degree, and in secondary education leading to either the Bachelor of Arts or Bachelor of Science degree. In addition to their basic task of providing professional education at the undergraduate level, the faculty of the school undertake research projects which contribute to improvement in the theory and practice of teacher education. They generate handbooks, conference reports, and scholarly publications designed to assist teachers, administrators, and other educators. The faculty sponsor various conferences planned specifically for the staff of elementary, middle, and secondary schools; often these are cooperative efforts with other agencies. They also cooperate with a number of bureaus and clinics developed to augment public school programs and to provide specialized services to the educational community.

The School of Education maintains a curriculum laboratory for the use of USCS faculty, staff, and students, and area public school teachers. This facility provides curriculum aids for instructors at all levels. The Science Education Center is also a part of the USCS curriculum laboratory. The center serves students as well as public school teachers and administrators in the area.

The Burroughs Child Development Center gives students an opportunity to observe and to work with children ages 3 to 6 in a laboratory setting. It offers high quality child care to students and citizens of the community.

Admission to the Professional Program

Students must apply to the School of Education for admission to the professional program, which covers the junior and senior years. The application form may be obtained from the school office and must be filed with that office at the beginning of the term in which students complete 60-semester hours of study. The deadline for submitting applications is September 30 for the following spring and the last day of February for the following fall.

Admissions of applicants is based on individual consideration of each student. For screening purposes, applicants may also be requested to meet with a faculty committee of the School of

Education. Each applicant must fulfill the following general requirements:

1. completion of English 101 and 102 and Theater 140 or 240, or their equivalents, with grades of "C" or better
2. cumulative GPR of at least 2.3 on at least 60 hours earned
3. the achievement of the minimum score on the South Carolina Education Entrance Examination

Action is taken on students' applications for admission to the professional program as soon as their academic records are available. Students who are accepted enter the professional program. Students whose applications are denied are advised of their alternatives.

Students who plan to meet the requirements for a teaching certificate in secondary education while enrolled in another school of the university should consult with the Dean of the School of Education. The dean assigns an advisor in the School of Education to guide the student through the professional sequence of courses. Such consultation should be held as early as possible in the student's undergraduate career to ensure adequate familiarity with teacher education requirements. Students enrolled in other schools of the university should take particular care to inquire about state certification requirements.

Education courses at the 400-level and above may be taken only after admission to the professional program. Students who complete the professional program fulfill the certification requirements of the South Carolina State Board of Education, which uses the standards of the National Association of State Directors of Teacher Education and Certification.

Admission to Directed Teaching

Students who wish to enroll for directed teaching must apply no later than the last working day of September (if they wish to teach in the spring) or the last working day of February (if they wish to teach in the fall). The following are general requirements for all students admitted to directed teaching:

1. prior admission to the professional program
2. completion of three-fourths of all major course work
3. 2.5 GPR on major course work with a grade of "C" or better in each course
4. completion of 90-semester hours
5. 2.5 cumulative GPR

6. completion of all education methods courses with a grade of "C" or better in each
7. medical form signed by a physician

In addition to these general requirements, there are specific course prerequisites for each major field. These prerequisites may be changed from time to time at the discretion of the school. It is the responsibility of students to secure from the school office an updated list of prerequisites for directed teaching in their major and to arrange their course of studies with their education advisor so as to meet those prerequisites.

Transfer Admission

Transfer students with fewer than 60-semester hours of credit may take courses in the School of Education if they meet all university admission requirements. Transfer students who have earned 60 hours or more must meet the admission criteria for the professional program at the time of their initial application for admission to the School of Education as a major. Criteria are available in the school office. Only 64-semester hours of credit may be accepted for transfer from a two-year institution and applied toward the professional degree.

Continuation Standards

After being admitted to the professional program, students must maintain at least a 2.3 GPR for retention in the program; this is in excess of the minimum GPR required by the university for continuing enrollment. Students who do not maintain a 2.3 GPR cannot enroll in any education courses above the 300-level.

Evaluation

In addition to evaluations as described in course syllabi, students' competencies relative to School of Education objectives and criteria are evaluated both in professional courses and during directed teaching in the professional phase of teacher education. Every applicant for admission to a professional program undergoes an appraisal by the Teacher Education Program Admissions Committee. This appraisal provides a source of evaluation on non-academic as well as academic factors relative to teaching potential. Continuing advisement sessions use data from various sources in helping prospective teachers to overcome any weaknesses that become evident during their period of preparation.

Degree Programs

The School of Education has developed curricula leading to the baccalaureate degree in four broad fields: early childhood, elementary, secondary, and physical education. Students are assigned an advisor with whom they should plan in advance their program of studies for each semester or summer session.

Elementary Education. The early childhood education program provides preparation for teaching in nurseries, kindergartens, and in the primary grades (1-4). A substantial portion of the curriculum consists of course work in the liberal arts to establish a broad educational background prior to the professional sequence and includes laboratory experiences with young children during each semester of study. During the freshman and sophomore years, and during the junior and senior years when not engaged in other laboratory experiences, students have a practicum assignment in a classroom as an observer, assistant, or both. Arrangements for these experiences are made through the Coordinator of Field Experiences in Education. Students transferring into the program arrange to make up these assignments or provide evidence of equivalent experience.

The elementary education program is designed to prepare students to teach in grades 1-8. The program consists of a general liberal arts background, professional educational training, and preparation in the subject matter to be taught.

During the semester in which students are enrolled in directed teaching (Education 470), they spend all of each school day for a period of fifteen weeks in the elementary or middle school to which they are assigned. For both the early childhood and the elementary education degrees, students spend one half of their directed teaching experience at one grade level and half at another. Students are prohibited from enrolling in any additional course work during this semester without the written consent of the dean.

Secondary Education Program. The secondary education program provides for intensive specialization in the particular subject that students plan to teach, in addition to a general liberal arts background and professional education instruction. The secondary education curriculum may lead to either of two baccalaureate degrees (B.A. or B.S.). In most cases, the teaching field selected determines the type of degree granted. The Bachelor of Arts degree requires completion of the second semester level of a foreign language. Although the number of credit hours required for graduation varies to some extent with the subject that the student prepares to teach, a minimum of 130 hours is required for any baccalaureate degree in the School of Education.

Physical Education Program. The physical education program is designed to prepare students to teach physical education in grades K-12. In addition to a core program in the liberal arts,

students undertake studies in the professional education area as well as in-depth study in physical education.

For both secondary and physical education majors, laboratory experiences comprise an important part of the curriculum in the junior and senior years. During the junior years, students are assigned to a teacher in the public schools for two hours per week of active classroom involvement (Education 311). During their directed teaching experience, secondary education majors spend one-half of the semester in a middle school and one-half the semester in a secondary school. Directed teaching for physical education majors is arranged at both the elementary and secondary level.

The School of Education reserves the right to change requirements and modify programs as necessary to fulfill state certification requirements. Students must periodically request updated information from the school.

Bachelor of Arts
Major in Early Childhood Education

1. General Education Requirements

Group I

English 101, 102, and two literature courses	12
Theater 140 or 240	3
Art History or Art Appreciation	3
Music 110	3
English 484	3
Art 329	3
Music 454	3
	30

Group II

Biology 110 or any other approved course in biology	3-4
Any physical science (chemistry, geology, physics, etc.)	3-4
Approved additional science course(s) (Students must complete a minimum of 12 hours in the biological and physical sciences with at least one lab course)	4-6
Health Education 221	3
Mathematics 501	3
Mathematics 502	3
	20-23

Group III
Government 201.....3
History 111 and 112.....6
Select 6 hours from Psychology 101,
Anthropology 101, Sociology 101, Economics 524.....6

15

Group IV
SEDE 111.....1
SEDE 210.....1
SEDE 211.....1
SEDE 310.....1
SEDE 311.....1
SEDE 410.....1
SEDF 321.....3
SEDF 333.....3
SEDF 335.....3
SPED 315.....2
SEDE 331.....2
SEDE 341.....3
SEDE 542.....3
SEDE 550.....2
SEDE 547.....3
SEDE 548.....2
SEDE 549.....2
SEDC 400.....1
SEDR 514.....3
SEDR 516.....3
SEDE 469.....15

56

Group V
2. Electives.....7-9

Total hours required.....131

Bachelor of Arts
Major in Elementary Education

1. General Education Requirements

Group I
English 101, 102, and two
literature courses.....12
Theater 140 or 240.....3
Art History or Art Appreciation.....3
Music 110.....3
English 484.....3

Art 329.....3
Music 454.....3

30

Group II
Biology 110 or any other approved
course in biology.....3-4
Any physical science (chemistry, geology,
physics, etc.).....3-4
Approved additional science course(s).....4-6
(Students must complete a minimum of 12 hours
in the biological and physical sciences with
at least one lab course)
Health Education 221.....3
Mathematics 501.....3
Mathematics 502.....3

21-23

Group III
Government 201.....3
Geography 121.....4
History 111 and 112.....6
Select 6 hours from Psychology 101,
Anthropology 101, Sociology 101, or Economics 524.....6

19

2. Major Requirements

SEDF 321.....3
SEDF 333.....3
SEDF 335.....3
SPED 315.....2
SHED 331.....2
SEDC 400.....1
SEDR 514.....3
SEDR 516.....3
SEDL 110.....1
SEDL 210.....1
SEDL 310.....1
SEDL 311.....1
SEDL 410.....1
SEDL 441.....3
SEDL 445.....2
SEDL 446.....2
SEDL 447 2

SEDL 448.....2
SEDL 470.....15

51

3. Electives.....7-9

Total hours required.....130

Bachelor of Science
Major in Physical Education

1. General Education Requirements

Group I
English 101, 102, and two
literature courses.....12
Theater 140 or 240 or any Art or Music course.....6
History or Art Appreciation Course,
2 areas must be represented.....6

18

Group II
Biology 110, 232, and 242.....12
Any physical science (chemistry,
geology, physics, etc.) minimum.....3
Mathematics 201 or Psychology 225 or Sociology 220.....3
Health Education 221, 235, 434, or 331.....9

27-28

Group III
Government 201.....3
Psychology 101.....3
Any social science courses approved
by advisor.....6

12

2. Major Requirements

A. Professional Education Requirements:
Education 310 or 311, 321, 333, 446,
or SEDL 441, 479.....28

B. Subject Area Requirements:
Physical Education 101, 201, 401, 403,
545, 553, 562.....21

Physical Education electives (with approval of advisor).....3
Skill courses: Physical Education 315, 320, 330, 350, 360 and others by approval of advisor.....15

67

3. Electives.....5-6

Total hours required.....130

Bachelor of Arts or Sciences in Secondary Education

Note: the Bachelor of Arts degree requires at least six hours of a foreign or ancient language.

1. **General Education Requirements**

Group I
English 101, 102, and two literature courses.....12
Theater 140 or 240.....3
Art History or Appreciation.....3
Music History or Appreciation.....3

21

Group II
Courses in natural sciences: both biological and physical sciences must be represented, with a minimum of two lab courses.....12-14
Mathematics 201 or Psychology 225 or Sociology 220 and one mathematics course (Mathematics 125 recommended for mathematics certification).....6
Health Education 221.....3

21-23

Group III
Government 201.....3
Two courses in the social sciences chosen from among the following fields: anthropology, economics, geography, history, government and

international studies, psychology, sociology. At least two fields must be represented with a maximum of 6 hours in any one.....6

Psychology 101.....3

12

2. **Major Requirements**

A. Professional Education Courses:

Education 210, 211, 311, 400, 321, 334, 335, 446, 518.....19

Education 447-453.....3

Education 471-481.....15

37

B. Major Courses.....30-48

Students majoring in history, political science, and psychology are certified in social studies.

Students majoring in biology are certified in natural sciences.

Students majoring in English are certified in English. English education majors are advised to take 6 hours of a foreign language.

Students majoring in mathematics are certified in mathematics.

3. **Electives**.....5-14

Total hours required.....130

Major Fields for Secondary Education[1]

Biology (Natural Science Certification)

Biology 101, 102.....8

Biology 310, Zoology.....4

Biology 315, Comparative Vertebrate Anatomy.....4

Biology 320, Botany or Biology 380, Plant Geography.....4

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[1] Twelve of these hours may be counted toward Group II General Education Requirements.

Biology 330, Microbiology.....4
Biology 350, Genetics.....4
Biology 570, Principles of Ecology.....4
Chemistry 111, 112.....8
Biochemistry 310 or Biology 360, General Physiology.....4

44

Chemistry
Chemistry 111-112.....8
Chemistry 221-221L.....4
Chemistry 231-231L.....4
Chemistry 232-232L.....4
Physical Chemistry.....4
Mathematics 142.....4
Mathematics 241.....4
Electives.....6

32

Earth Science
Physics 201,202.....8
Geology 101,102.....8
Biology 101,102.....8
Astronomy 111.....3
Mathematics 122.....3
Chemistry 111-112[1].....9
Biology 570[1].....4
Geography 202[1].....4

47

English (English Certification)[2]
English 451, 453, 459, 483, 485.....15
British literature (upper division).....6
American literature (upper division).....6
Senior seminar in English.....3

30

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[1]This course may be used to satisfy certification requirements and may be used to satisfy general education requirements when appropriate.

[2]English education majors should pursue a B.A. degree that requires at least six hours of a foreign or ancient language.

History (Social Studies Certification)

European History (300-level or above)	6
History 111-112	6
U.S. History (300-level or above)	6
Non-Western History (300-level or above)	6
Government 564	3
Geography (103, 121, or 424)	3
Sociology 101	3
Economics 524	3
Electives (Anthropology 102 recommended)	6
	42

Mathematics (Mathematics Education Certification)

Computer Science 130 and one course chosen from 135	3
Mathematics 141, 142, 241	12
Mathematics 531	3
Mathematics 543, 544	6
Electives in mathematics chosen, with the consent of advisors, from the fields of probability, statistics, differential equations, computer science and analysis. Other courses may be approved by joint consent of mathematics and education advisors	9
	33

Psychology (Social Studies Certification)

Psychology 101, 224, 225[1]	10
Psychology courses (upper division)	15
History 111 and 112[1]	6
United States history[1]	6
Economics 524	3
Anthropology 102 or Sociology 101	3
Geography 103, 121, or 424	3
	46

[1]These courses may be used to satisfy certification requirements and may be used to satisfy general education requirements when appropriate.

Political Science (Social Studies Certification)

Government 201, 210, 301, 564[1]	12
History 111 and 112[1]	6
American history (300-level or above)[1]	6
Anthropology 102 or Sociology 101	3
Economics 524	3
Geography 103, 121, or 424	3
	42

[1] These courses may be used to satisfy certification requirements and may be used to satisfy general education requirements when appropriate.

SCHOOL OF
HUMANITIES AND SCIENCES

SCHOOL OF HUMANITIES AND SCIENCES

The School of Humanities and Sciences consists of three academic divisions: Fine Arts, Languages, and Literature; Science and Mathematics; and Social and Behavioral Sciences. In addition, the Bachelor of Arts and Science in Interdisciplinary Studies program is a part of the school.

DIVISION OF FINE ARTS, LANGUAGES, AND LITERATURE

The Division of Fine Arts, Languages, and Literature in the School of Humanities and Sciences offers a Bachelor of Arts degree with a major in English. A journalism concentration is offered in the English major. Courses in the areas of art, French, German, journalism, music, Spanish, and theater and speech are also taught.

Specific degree requirements for the English major include a 12-semester hour cognate. The cognate consists of upper level courses chosen from one or more fields and is intended to support the course work in the major. All courses taken for cognate credit must be approved by the English faculty.

Bachelor of Arts
Major in English

1. General Education Requirements

Group I
English 101, 102.....6
Foreign language 101, 102[1].....8
Two courses from History 101 through 112.....6

Group II
Two courses selected from the following: Logic 205, 207, 208, mathematics, computer science.....6-8

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[1] Previous experience in a language may be substituted. See exemption policy under Foreign Language and Literature courses.

Group III[1]
Four courses selected from two or more of the following fields:
English, art history, music history, theater history, foreign languages/literature, history, philosophy and religion.....12

Group IV
Government 201.....3
Courses selected from two of the following fields: anthropology, economics, geography, government and international studies, psychology, and sociology.....6

Group V
Two courses selected from the following fields: astronomy, biology, chemistry, geology, and physics.....7-8

54-57

A course which is used to fulfill one requirement may not be used simultaneously to fulfill any other requirements in a student's complete degree program. For example, if English 417 is used to fulfill a major requirement, it cannot be used to fulfill a Group III requirement.

2. **Major Requirements**

English courses at the 300-level or higher, which must include the following:

English literature (at least one course selected from 400-410).....6
Foreign language 201, 202, or 205[2].....3
Senior seminar.....3
American literature.....6
Linguistics or development of the language.....3
Comparative literature, criticism, period or genre course (with consent of advisor)[3].....6-18

27-39

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[1]Students are encouraged to select courses fulfilling Group III from outside their major area of study.

[2]Previous experience in a language may be substituted. See exemption policy under Foreign Language and Literature courses.

[3]Students wishing concentration in journalism may substitute approved journalism courses.

3. Cognate Requirements.....12

4. Electives (Theater 140 recommended).....12-27

Total hours required.....120

DIVISION OF SCIENCE AND MATHEMATICS

The Division of Science and Mathematics in the School of Humanities and Sciences offers a Bachelor of Science degree in biology and Bachelor of Arts and Bachelor of Science degrees in computer science. Courses in the areas of engineering, geology, chemistry, physical science, physics, astronomy, and mathematics are also taught.

Specific degree requirements for biology majors include a 12-semester hour cognate. The cognate is intended to support the course work in the major. All courses taken for cognate credit must be approved by the biology faculty.

Bachelor of Science
Major in Biology

1. General Education Requirements

Group I
English 101, 102.....6
Foreign Language 101, 102[1].....8
Two courses from History 101 through 112.....6
Mathematics (Mathematics 125, 141, 201 required).....11

Group II
Logic 205, 207, 208, mathematics or computer science.....6

Group III
Courses selected from the following fields:
English, fine arts, history (art, music, theater), foreign language/literature, history.....6

Group IV
Government 201.....3
Courses selected from the following fields:
anthropology, economics, geography, government and international studies, psychology and sociology.....6

Group V
Chemistry 111, 112.....8

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[1] Previous experience in a language may be substituted. See exemptions policy under Foreign Language and Literature courses.

2. Major Requirements

Biology 101, 102.....8

Biology, four courses at the 200 or 300-level (excluding Biology 399).....16
Biology, 500 or 600-level (Biology 645 required).....9

33

3. Cognate Requirements (with approval of advisor)

(Chemistry 231-232 required; Physics 201 suggested).....12

4. Electives (Physics 201-202 suggested).....15

Total hours required.....120

Bachelor of Science
Major in Computer Science

1. General Education Requirements

Group I
English 101, 102.....6
Two courses from history 101 through 112.....6

Group II
Computer Science 140.....3
One course selected from mathematics 125, 201; Logic 205, 207, or 208.....3-4

Group III
Two courses selected from the following fields: English, art history, theater history, music history, history, foreign language/literature, history, or philosophy.....6

Group IV
Government 201.....3
Two courses to be selected from the following fields: anthropology, economics, geography, government and international studies, psychology, or sociology.....6

Group V
Two courses selected from the following fields: biology, chemistry, geology, physics, or astronomy.....7-8

40-42

2. **Major Requirements**

Mathematics 141, 142, 241, 315, and 550.....18
Computer science 240, 210, 310, 320, 420, 511, 530, and 540.....24
Nine additional hours of computer science 300 or above level courses.....9

51

3. **Cognate** (Mathematics 242 recommended).....12

4. **Electives** (Theater 140 recommended).....15-17

Total hours required.....120

Bachelor of Arts
Major in Computer Science
Information Management Concentration

The Information Management concentration is an interdisciplinary curriculum which combines studies in business administration, computer science, and English. It offers students both the career opportunities of professional training and the broadening influences of a liberal arts education. Thus, graduates of the program should have the technical skill they need to get a job as well as the ability to analyze and communicate which enables them to turn this job into a successful, rewarding career.

1. **General Education Requirements**

Group I
English 101, 102 6
Foreign language 101, 102[1].....8
Two courses from history 101 through 112.....6

Group II
Computer science 140.....3
Once course selected from mathematics 125, or Logic 205, 207, or 208.....3-4

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[1]Previous experience in a language may be substituted. See exemptions policy under Foreign Language and Literature courses.

Group III
Two courses selected from the following fields:
English, art history, theater history, music history, history, foreign language or literature, history, or philosophy.....6

Group IV
Government 201.....3
Economics 121.....3
One course in psychology or sociology.....3

Group V
Two courses selected from the following fields:
biology, chemistry, geology, physics, or astronomy.....7-8

48-50

2. Major Requirements

Mathematics 141, 201, business administration 225, 226.....13
Upper level English courses other than 484, 485, and 526.....12
Computer science 240, 320, 331, 420, 520.....15
Business administration 350, 371, 390, 393.....12

52

3. Cognate

Three additional upper level courses in one of the following fields: business administration, computer science, or English.....9

4. Electives (Theater 140 recommended).....9-11

Total hours required.....120

Bachelor of Science
Major in Computer Science
Applied Mathematics Concentration

Designed to provide a technically-oriented education with emphasis on mathematics and computer technology, the applied mathematics concentration is similar to traditional mathematics and computer science majors. With the addition of courses in business administration, however, it should produce graduates who are attractive to business and industrial firms seeking employees who have scientific problem-solving ability and computer training. This degree program offers comparatively limited but well-defined and expanding career opportunities for mathematically competent students with a scientific orientation.

1. **General Education Requirements**

Group I
English 101, 102 6
Two History courses from 101 through 112.....6

Group II
Computer science 140.....3
One course selected from Mathematics 125, 201, Logic 205, 207, or 208.....3-4

Group III
Two courses selected from the following fields: English, art history, theater history, music history, foreign language/literature, history, or philosophy.....6

Group IV
Government 201.....3
Two courses selected from the following fields: anthropology, economics, geography, government and international studies, psychology, or sociology.....6

Group V
Chemistry 111, 112, or physics 200-level or above.....8

41-42

2. **Major Requirements**

Mathematics 141, 142, 241, 242, computer science 240, business administration 225, 226.....24
Mathematics 315, 544, 550, 560, 599.....15
Computer science 210, 310, 320, programming language course.....12

51

3. Cognate

Four upper level courses selected from the following mathematics (except 501, 502), computer science, business administration 333, 371, 390, 393, 477.....12

4. Electives (Theater 140 recommended).....15-16

Total hours required.....120

DIVISION OF SOCIAL AND BEHAVIORAL SCIENCES

The Division of Social and Behavioral Sciences in the School of Humanities and Sciences offers the Bachelor of Arts degree in history, political science, and psychology. The Bachelor of Science degree is awarded in criminal justice and psychology. Courses are also offered in the areas of geography, philosophy, and public administration. Additionally, in cooperation with the Columbia campus, the Bachelor of Arts degree and the Bachelor of Science degree in Sociology are awarded.

Specific degree requirements include a 12-semester hour cognate. The cognate consists of upper level courses chosen from one or more fields and is intended to support the course work in the major. In addition to a "C" grade in all major courses, a "C" or better must be earned in each cognate course. All courses taken for cognate credit must be approved by the faculty in the major area.

The following are specific requirements for the baccalaureate degrees in criminal justice, history, political science, psychology and sociology.[1]

Bachelor of Science
Major in Criminal Justice

Before admission to the USCS criminal justice program, students must complete an 18 hour core of criminal justice course work. As this core is part of most associate degree criminal justice programs, USCS criminal justice majors typically have obtained an associate degree before seeking admission to USCS's program. Transfer credit is given for all associate degree courses that fulfill the general education requirements. Careful planning, cooperation, and advisement enables students to pursue work at any two-year accredited criminal justice program without losing any credit in transferring to USCS.

1. General Education Requirements

Group I
English 101, 102.....6

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[1] Students wishing to major in sociology may have to take some courses on the Columbia campus.

Group II
One course in mathematics or statistics.....3
Logic 205, 207, or 208, or Computer Science 130 and one course chosen from 131-136.....3

Group III
Philosophy 211 (Philosophy 211, 310, or 311 may be substituted).....3
One course from the following fields: literature, theater and speech, music, art history, foreign languages.....3

Group IV
Government 201.....3
Psychology 101.....3
Sociology 101.....3
Two courses at the 100 or 200-level from the following fields: economics, geography, government and international studies, history, psychology, sociology, theater, and speech.....6

Group V
Two courses selected from one of the following fields: astronomy, biology, chemistry, geology, or physics.....6-8

39-41

2. **Associate Degree Criminal Justice Core**

The associate degree core includes the following:

Introduction to Criminal Justice
Criminal Law
Criminology
Police Administration and Organization
Criminal Evidence and Procedures
Introduction to Probation, Parole, and Corrections

Students may transfer up to 9-semester hours (13.5 quarter hours) of additional criminal justice courses to be used for elective credit taken at associate degree granting institutions.

3. **Major Requirements**

A. Upper level criminal justice courses, which must include Criminal Justice 342, 351, and 581.....15

B. Five upper level courses from the following: Government, psychology, or sociology, as approved by the student's advisor.....15

4. Cognates

Cognate I.....12
Cognate II (may include upper level criminal justice courses).....9

5. Electives.....12

Total hours required.....120-122

Bachelor of Arts
Major in History

1. General Education Requirements

Group I
English 101, 102.....6
Foreign language 101, 102[1].....8
Two courses from History 101 through 112.....6

Group II
Two courses selected from the following:
Logic 205, 207, 208, mathematics, computer science.....6-8

Group III[2]
Four courses selected from two or more of the following fields: English, art history, music history, theater history, foreign languages/literature, history, philosophy, and religion.....12

Group IV
Government 201.....3
Courses to be selected from two of the following fields: anthropology, economics, geography, government and international studies, psychology, sociology.....6

Group V
Two courses selected from the following fields:
astronomy, biology, chemistry, geology, physics.....7-8

54-57

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[1]Previous experience in a language may be substituted. See exemption policy under Foreign Language and Literature courses.

[2]Students are encouraged to select courses fulfilling Group III from those outside their major area of study.

2. Major Requirements[1]

History courses at 300-level or higher.....24
Foreign language 201, 202, or 205[2].....3

27

3. Cognate Requirements.....12

4. Electives.....24-27

Total hours required.....120

Bachelor of Arts
Major in Political Science

1. General Education Requirements

Group I
English 101, 102.....6
Foreign language 101, 102[2].....8
Two courses from History 101 through 112.....6

Group II
Two courses selected from among the following: mathematics, Logic 205, 207, 208, computer science[3].....6

Group III
Courses to be selected from two of the following fields: English, art history, music history, theater history, foreign language/literature, history, philosophy, and religion.....12

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[1]A course which is used to fulfill one requirement may not be used simultaneously to fulfill any other requirements in a student's complete degree program. For example, if History 301 is used to fulfill a major requirement, it cannot be used to fulfill a Group III requirement.

[2]Previous experience in a language may be substituted. See exemption policy under Foreign Language and Literature courses.

[3]Computer Science 130 and one course chosen from 131-136, which is required under major requirements, may be used to satisfy Group II requirements.

Group IV
Government 201.....3
Economics 121.....3
Courses selected from one of the following fields:
anthropology, economics, geography, psychology
(except 225), sociology.....3

Group V
Courses to be selected from the following fields:
astronomy, biology, chemistry, geology, physics.....7-8

54-55

2. **Major Requirements**

A. Government Concentration
1. Basic courses: Government 310, 301,
Psychology 225, Computer Science 130 and
one course from 131-136.....9-12

2. Government courses at 300-level or above.....24

33-36

B. Public Administration Concentration
1. Basic courses: Government 301, Psychology 225
Computer Science 130 and one course chosen
from 131-136.....6-9
2. Public Administration Courses: Government 370,
374, 564, 571, 572.....15
3. Other Government courses at 300-level or above.....9

30-33

3. **Cognate Requirements**.....12

4. **Electives**.....21-23

Total hours required.....120

Bachelor of Arts and Bachelor of Science
Major in Psychology

1. General Education Requirements	B.A.	B.S.
Group I		
English 101, 102	6	6
Foreign language 101, 102[1]	8	8
Two courses from History 101 through 112	6	6
Group II		
Two courses selected from among the following: Logic 205, 207, 208; mathematics, computer science	6	6
Mathematics		6
Group III		
Courses selected from two or more of the following fields: English, art history, music history, theater history, foreign language/ literature, history, philosophy, and religion	12	6
Group IV[2]		
Government 201	3	3
Courses selected from two of the following fields: anthropology, economics, geography, government and international studies, psychology, sociology	6	6
Group V		
Two courses selected from the following fields: astronomy, biology, chemistry geology, physics	7-8	7-8
	54-55	54-55

[1] Previous experience in a language may be substituted. See exemption policy under Foreign Language and Literature courses.

[2] Students are encouraged to select courses fulfilling Group IV from those outside their major of study.

2. **Major Requirements**[1]		
Psychology 101, 224 (methods), 225 (statistics).....10	10	
Psychology courses at the 300-level or above to be distributed as follows:.....25	25	
1. at least three of the following eight courses:		
SPSY 302: Developmental Psychology		
SPSY 303: Psychology of Learning & Memory		
SPSY 305: Sensory Processes		
SPSY 307: Social Psychology		
SPSY 308: Physiological Psychology		
SPSY 309: Psychology of Personality		
SPSY 310: Abnormal Psychology		
SPSY 311: Industrial & Organizational Psychology.....9		
2. at least one course at the 500-level.....3		
3. elective psychology courses (Psychology 402, Experimental Topics in Psychology, recommended).....13		
	35	35
3. **Cognate Requirements**.....12	12	
4. **Electives**.....18-19	18-19	
Total hours required.....120	120	

[1] A course which is used to fulfill one requirement may not be used simultaneously to fulfill any other requirements in a student's complete degree program. For example, if Psychology 302 is used to fulfill a major requirement, it cannot also be used to fulfill a Group IV requirement.

Bachelor of Arts and Bachelor of Science
Major in Sociology[1]

1. General Education Requirements	B.A.	B.S.
Group I		
English 101, 102	6	6
Foreign language 101, 102[2]	8	8
Two courses from History 101-112	6	6
Mathematics	9	
Group II		
Sociology 220 (Statistics)	3	3
One course selected from among the following: Logic 205, 207, 208, mathematics, computer science	3	3
Group III		
Two or four courses selected from among the following fields: English, art history, music history, theater history, foreign language/literature, history, philosophy	12	6
Group IV		
Sociology 101	3	3
One or two courses selected from the following fields: anthropology, economics, geography, government and international studies, psychology	6	3
Group V		
Two courses selected from among the following: astronomy, biology, chemistry, geology, physics	7-8	7-8
	54-55	54-55

[1] This major is offered in cooperation with the Sociology Department on the Columbia campus of the USC system and might require that some classwork be taken in Columbia. The required courses may be taught on the Spartanburg campus, but the degree is awarded by the Sociology Department on the Columbia campus.

[2] Previous experience in a language may be substituted. See the exemption policy under Foreign Language and Literature courses.

2.	**Major Requirements**		
	Sociology 300, 310, 320	9	9
	Two 500-level sociology courses	6	6
	Four additional courses numbered above 300	12	12
3.	**Cognate Requirements**	12-18	12-18
4.	**Electives**	21-27	21-27
	Total hours required	120	120

INTERDISCIPLINARY STUDIES DEGREE PROGRAM

The Bachelor of Arts and Bachelor of Science in Interdisciplinary Studies program provides an opportunity for students to design their own curriculum. It is a unique program having only minimum curricular requirements and it can be structured to meet individual goals and needs.

Application to the program is made after acceptance to the university and after the successful completion (2.0 GPR) of 60-semester hours credit or an associate degree from an accredited program.

Upon acceptance into the interdisciplinary studies program, students plan their own curriculum with an appointed advisory committee composed of a faculty member from the student's area of concentration and an interdisciplinary studies staff advisor. This curriculum must be approved by the Dean of Humanities and Sciences. Other than the 27-semester hours of specific requirements, the only subject requirements are those established by students and their advisory committees. However, the Interdisciplinary Studies Degree requires a minimum of 120 hours of academic credit and conforms to all general university academic regulations.

The interdisciplinary studies program permits students to apply credits earned through independent study toward the degree. This credit must conform to university policy. Students may also be permitted to apply up to 30-semester hours earned in correspondence courses, the United States Armed Forces Institute, selected college level examination programs, and off-campus extension classes in partial fulfillment of the degree. Further information about alternative forms of credit is available in the Interdisciplinary Studies Office.

Admission

Since enrollment is limited, an admissions procedure is established to facilitate review of applications to the interdisciplinary studies program. Specific application procedures vary for students currently enrolled at USCS and for transfer students.

Students Currently Enrolled at the University of South Carolina. Students who have accumulated more than 60-semester hours must have a Change of Major form signed by the dean of the school in which they are currently enrolled before their applications for the Interdisciplianry Studies Degree program are considered. These forms are available in the deans office. Students then complete an Interdisciplinary Studies Application. The application is obtained from the Interdisciplinary Studies Office. This application includes a statement as to how the

interdisciplinary studies program meets students' particular interests and goals and why they chose the program over other university programs. In addition, students must develop a proposed program of study and specify an area of concentration that they believe prepares them for their career objectives. Students are then advised and register.

A minimum of 30-semester hours must normally be completed after the interdisciplinary studies program is approved. Therefore, the completed application must be received in the Interdisciplinary Studies Office before students reach senior status.

Course work completed prior to acceptance into the interdisciplinary studies program is not automatically accepted as part of a degree program. Such work is re-evaluated to determine if it is applicable to the student's program. Students enrolling in the interdisciplinary studies program after accumulating 75 or more semester hours can expect to take more than 120-semester hours in order to complete an approved interdisciplinary studies program.

Students Not Currently Enrolled at the University of South Carolina. Transfer students may apply to the interdisciplinary studies program at the same time that application for admission to the university is submitted. However, admission to the university must be obtained before admission to the interdisciplinary studies program can be completed.

Graduation Requirements

Graduation requirements for the Interdisciplinary Studies Degree are as follows:

1. a minimum of 120-semester hours with a 2.0 or better GPR, excluding any duplicate course work. A 2.0 GPR or better is also required on all course work at USCS.
2. at least 30-semester hours must be taken in upper division courses at USCS
3. not more than 30-semester hours of upper division work in the same discipline
4. the senior year of work (30-semester hours at 300 or above level) must be taken in residence at USCS

Bachelor of Arts and Bachelor of Science
Interdisciplinary Studies

The following courses or their equivalent are required of all graduates, with a minimum grade of "C" in each course:

Required Courses	B.A.	B.S.
English (English 101 and 102 or equivalent recommended)	6	6
Social or behavioral science	6	6
Fine arts, languages, and literature, humanities, or the social and behavioral sciences	6	
Science or mathematics	6	12
Government 201 or equivalent course	3	3
	27	27
Elective Courses (includes all previous credit and transfer credit)		
Students, in consultation with their advisors, are encouraged to concentrate their elective courses in subject areas related to their goals and objectives outlined in the interdisciplinary studies application. They are also strongly advised to take at least 45 hours outside their concentration area. A grade of "C" or better is also required in all concentration area courses. Students must follow all prerequisite requirements	93	93
Total hours required	120	120

Note: Students enrolling in an Interdisciplinary Degree Program after accumulating 75 or more semester hours of credit can expect to take more than 120-semester hours in order to complete an approved interdisciplinary studies program.

MARY BLACK SCHOOL OF NURSING

MARY BLACK SCHOOL OF NURSING

General Information

On July 1, 1980, the USCS School of Nursing was officially named the Mary Black School of Nursing. This step was taken to honor the many contributions of the Black family to medicine and nursing in upstate South Carolina and to show appreciation for the generosity of Mrs. Mary Black Phillips and the late Miss Rosa Black, whose donations played a key role in securing the funds for a new building to house the school.

The School of Nursing offers an associate of science in technical nursing and a baccalaureate degree in professional nursing. Both programs are approved by the State Board of Nursing and accredited by the National League for Nursing. The School of Nursing provides the people of the Piedmont area with registered nurses of high technical and professional competence.

The program leading to an associate of science in technical nursing degree is two years in length and includes liberal arts and science courses as well as nursing preparation. In the fall of 1977, the School of Nursing began offering a program leading to a Bachelor of Science in Nursing degree. This program is currently open only to registered nurses. It offers junior and senior level courses in nursing, liberal arts, and sciences.

Transfers

In addition to the general requirements for admission to either the associate of science in technical nursing program or the bachelor of science in nursing program, transfer students from within the University of South Carolina System must submit a "Change of School" form and copies of transcripts. Transfer students from schools outside the USC System must also meet all requirements for transfer as a student to USCS. Transfer students may be required to take advanced placement examinations if the content of previous nursing courses is in question.

An official college transcript must be on file with the School of Nursing before transfer credit can be evaluated. Transfer credit is evaluated by the Dean of the Mary Black School of Nursing.

Student Classification

Regular Nursing Student. These students are admitted as full-time students to the nursing courses, or they are already currently enrolled in nursing courses.

Pre-Nursing Students. These are students taking the required non-nursing courses prior to enrolling in the nursing sequence of courses.

Out of Sequence Students. Nursing students who remain enrolled in USCS but who are no longer enrolled as regular nursing students (because of, for example, academic failure or withdrawal from nursing) are classified as out of sequence with the regular nursing courses. To enroll again in nursing, these students must meet the School of Nursing admission criteria, reapply for admission, and submit a new physical examination on the School of Nursing form.

Advisement

Students accepted into the Nursing Program must be advised by the School of Nursing student advisor prior to registration. Students currently enrolled in the program are advised by a School of Nursing faculty advisor prior to registration. It is the responsibility of students to stay in touch with their advisor through regular advisement sessions.

School of Nursing Attendance Regulations

Class. In order to obtain credit in a nursing course, students must attend at least 85 percent of the class sessions.

Laboratory. Attendance is required for all scheduled clinical laboratories. Only absences that are absolutely necessary may be excused at the discretion of the faculty member or team. Due to the limited availability of clinical facilities and course scheduling, it is not possible to make up clinical laboratory. Students are held responsible for the content of all clinical laboratories. Each course syllabus specifies the maximum number of laboratory absences. These range from two to four depending on the course requirements. Students who accumulate more than the maximum number of absences are required to withdraw from the course.

Withdrawal Policy

Students who are enrolled in the School of Nursing and who wish to withdraw officially are required first to see their nursing advisor for an exit interview. After this, students follow the withdrawal policy for the university as described in the catalog.

Associate in Science Degree in Technical Nursing

The Associate in Science in Technical Nursing curriculum is a concentrated two-year program with special admission requirements. The admission policies for the associate degree in technical nursing program were developed by the nursing faculty.

Admission Requirements

A nursing class is admitted once a year in the fall semester. Applicants should submit their applications to the Mary Black School of Nursing Associate Degree Program by April 1. The admissions committee of the associate degree program in nursing reviews the records of each applicant. Admission to the program is competitive. Therefore, the admissions committee reserves the right to select the most qualified students. Admission to the program is based on the following criteria as it applies to each applicant.

To be admitted to the Associate Degree in Technical Nursing Program, students must meet the following requirements:

1. Applicants must be admitted as regular students to the University of South Carolina at Spartanburg.
2. Applicants under age 22 must have minimum S.A.T. scores of 350 for the verbal and 350 for the math portions of the test.
3. Applicants with previous college work must have a cumulative GPR of at least 2.0 on 12-semester hours of college credit, with a grade of "C" or better on all required nursing and science courses.
4. All applicants must complete an application for for the Associate of Science in Technical Nursing Program.
5. All students must submit a complete, acceptable, physical examination on the School of Nursing form.
6. All applicants who apply for admission to the associate degree program are required to take the Nelson-Denny Reading Test. Applicants meeting all other admission criteria and who obtain a raw score of 75 or above on the test are considered for admission as a regular student. Applicants meeting all other admission requirements and who have a raw score of 56 to 74 are required to have further testing and to take General Studies 121 or 122 if the their raw scores remain below 75. Students who have a raw score of 55 or below on the reading test must take General Studies 121 and be re-tested to determine eligibility for admission.

Provisional Students

These students require remedial instruction and therefore must show evidence of acceptable academic performance. To demonstrate acceptable academic performance, students must complete 12 hours of prescribed non-nursing courses and have a minimum cumulative GPR of 2.0. Once these requirements have been met, they may reapply to the nursing sequence.

Academic Requirements

1. Nursing courses must be taken in sequence. A passing grade of "C" in theory and a satisfactory evaluation in clinical performance must be obtained in a nursing course before students can enroll in the next nursing course.

a. Biology 232 (anatomy) must be taken before or during the fall semester of the freshman year. A passing grade of "C" must be obtained in the course before the student may enroll in the next nursing course.

b. Biology 242 (physiology) must be taken before or during the spring semester of the freshman year. A passing grade of "C" must be obtained in the course before the student may enroll in the next nursing course.

c. Biology 330 (microbiology) must be taken before or during the fall semester of the sophomore year. A passing grade of "C" must be obtained in the course before the student may enroll in in the next nursing course.

2. Psychology 101 must be taken before Psychology 302. Psychology 302 must be completed by the end of the fall semester of the sophomore year in nursing.

3. English 101 and 102 must be completed by the fall semester of the sophomore year in nursing.

4. Nursing students cannot repeat a science course more than once.

Special Requirements

1. Nursing students who are in the clinical area must wear the Associate of Science in Technical Nursing uniform and must adhere to the hospital's dress code.

2. Nursing students who are in the clinical area must have liability insurance.

3. Students are required to provide their own transportation to and from the health agencies and the USCS campus.

4. Students who have more than a twelve month absence since successful completion of a nursing course must take a placement test to determine the level of entry into the program. Students

who have a thirty-six month absence since successful completion of a nursing course must repeat the entire nursing program sequence.

5. Students must confer with nursing faculty advisors before dropping a course or withdrawing from the program.

6. Students are allowed only one readmission to the program after the initial acceptance.

7. National League for Nursing achievement tests are administered throughout the program. Students pay a fee for these tests.

Continuation Standards

For students to enroll in the sophomore level nursing courses, the following are required:

1. Students must have completed freshman level nursing courses and the required science courses with a minimum grade of "C" and a minimum cumulative GPR of 2.0.

2. Students must have an acceptable physical examination from on file prior to entering the sophomore year.

3. Students must renew liability insurance coverage.

4. Additional costs incurred before graduation are the graduate nurse pin and fee for the application for the State Board Examination.

Advanced Credit by Examination

Validation examinations for Nursing 131 are administered by the School of Nursing at specific times. Arrangements must be made with the School of Nursing for this test.

1. Licensed Practical Nurses must:

a. be accepted to USCS and the Associate Degree in Technical Nursing Program

b. show current L.P.N. licensure to the Director of the Associate Degree in Technical Nursing Program

c. pay validation examination fee and bring receipt on the day arranged by the nursing faculty

d. pass the examination with a grade of "B" or better to qualify for validation credit

2. Medical Corpsmen must:

a. present proof of completed formal medical armed service training program

b. be accepted to USCS and to the Associate Degree in Technical Nursing Program

c. pay validation examination fee and bring receipt on the day arranged by the the nursing faculty

d. pass the examination with a grade of "B" or better to qualify for validation credit.

Registered Nurse State Board Examination

An Associate in Science in Technical Nursing degree is awarded when students complete the curriculum requirements with a minimum cumulative grade point ratio of 2.0 and a passing grade of "C" or better in nursing and science courses. The graduates are eligible to file applications for the registered nurse state board examination.

Housing

Limited housing is available at the Nurses' Residence of Spartanburg General Hospital for those students living beyond normal commuting distance. Students interested in securing a room at the residence should contact Spartanburg General Hospital Nurses' Residence.

Associate of Science in Technical Nursing

Freshman year--Fall

Nursing 131	Fundamentals of Nursing	6
Biology 242	Anatomy	4
English 101	Composition	3
Psychology 101	Elementary Psychology	3

Freshman year--Spring

Nursing 133	Nursing in Health Maintenance, Family Development	8
Biology 242	Physiology	4
English 102	Composition & Literature	3

Summer Session

Nursing 134	Introduction to Physical and Mental Illness	3

Sophomore year--Fall

Nursing 231	Nursing in Physical and Mental Illness I	9
Biology 330	Microbiology	4
Psychology 302	Developmental Psychology	3

Sophomore year--Spring

Nursing 232	Nursing in Physical and Mental Illness II	9
Nursing 234	Nursing Seminar	3
Sociology 101	Introductory Sociology or Anthropology	3

Total Credit Hours.....65

Bachelor of Science in Nursing Program for Registered Nurses

The Bachelor of Science Degree in Professional Nursing curriculum is designed for registered nurses. It is comprised of courses in nursing, sciences, and liberal arts for the junior and senior years.

Students may enter the program at any semester providing they have met admission criteria and course prerequisites. Applications for admission into the program should be submitted by April 1. The Admission Committee for the Bachelor of Science Degree in Professional Nursing reviews the applications and selects qualified students.

Students wishing to transfer to the Mary Black School of Nursing from other Bachelor of Science in Nursing Programs must have their transcripts evaluated to determine whether or not their courses are comparable to USCS courses.

Admission Requirements

The admission requirements for the Bachelor of Science Degree in Professional Nursing are set by the nursing faculty. Admission criteria are as follows:

1. Applicants must be admitted as regular students to the University of South Carolina at Spartanburg.
2. Applicants must have a cumulative GPR of 2.5 (based on a 4.0 scale) in academic courses. A minimum grade of "C" must be obtained in all required science courses.
3. Applicants must be registered nurses with current license.
4. All applicants must complete an application form for the Bachelor of Science Degree in Nursing Program.

5. All applicants must submit a complete, acceptable, physical examination on the School of Nursing form.

6. Nurses who are graduates of non-academic nursing programs (associate degree courses below the 100-level and diploma nursing courses) must (a) obtain 25 semester hours in nursing upon achievement of a grade of "C" or better on the College Proficiency Examination Program and (b) must successfully complete a clinical performance validation examination.

7. Applicants must complete the following prerequisite courses (comparable courses may be substituted with approval of the Dean of the School of Nursing):

English 101.....3
English 102.....3
Theater 140 (Speech).....3
Psychology 101.....3
Psychology 302.....3
Sociology 101.....3
Chemistry 101.....4
Biology 232 (Anatomy).....4
Biology 242 (Physiology).....4
Biology 330 (Microbiology).....4
Mathematics 119 or 121.....3

In addition to these requirements, a personal interview may be required. It is desirable for applicants to have practiced nursing for at least one year within the last five years. In keeping with university policy, 60-semester hours of college credit are required for junior standing.

Probationary Policy

Students with a cumulative GPR of less that 2.5 but meeting all other admission requirements are considered by the baccalaureate admissions committee for admission to the program under probationary status.

In order to be removed from probationary status, students must obtain a minimum grade of "C" in each course constituting the first 15-semester hours in the baccalaureate nursing curriculum at USCS. If this requirement is not met, students withdraw from the program.

Readmission Policy

Students who interrupt the sequence of nursing courses are required to reapply to the School of Nursing Bachelor of Science in Nursing Program. Students must reapply if they earn less than

a "C" in a nursing or required science course, or withdraw from the university for one fall or spring semester, or longer.

Students must complete a new Bachelor of Science in Nursing Program application form and submit a new School of Nursing physical examination form. Students who apply for readmission must meet the admission criteria for the Bachelor of Science in Nursing Program.

Special Requirements

1. Unless otherwise stated, students are required to wear the official baccalaureate uniform while in the clinical area.
2. Students must provide their own transportation to and from the health agencies and the USCS campus.
3. Students must maintain professional liability insurance.

Advanced Credit by Examination

Junior and senior level courses cannot be validated by the College Level Examination Program (CLEP).

1. CLEP Credit:

   a. Following general university policy, CLEP examinations may be taken to obtain up to 30 hours of credit.

   b. CLEP examinations are not acceptable for physiology, anatomy, chemistry, or microbiology (see "Credit by Examination," in this catalog).

   c. Further information on CLEP credit may be obtained from the Counseling and Career Development Center.

2. Credit by Examination

   a. Students may obtain credit for physiology, anatomy, microbiology, chemistry, and other courses by examination.

   b. Students may obtain credit for four of the junior level nursing courses by successfully completing the required theory and clinical performance examinations. Validation examinations are offered for Nursing 310, 321, 331, and 361.

   c. For further information refer to the section "Institutional Credit by Examination," in this catalog.

Continuation Standards

1. Nursing courses must be taken in sequence.
2. A grade of "C" or better must be obtained in nursing and science courses in order to progress in the program.
3. Non-nursing courses may be taken prior to, or concurrent with, the designated nursing courses.
4. The required nursing courses must be completed in four years.
5. In keeping with university policy, a GPR of 2.0 is required for graduation.

Bachelor of Science Degree in Professional Nursing

Junior year--Fall

SCHE 310	Fundamentals of Biochemistry	4
SOCY 305	Sociology of the Family	3
SNUR 310	Nursing Appraisal	2
SNUR 321	Concepts of Professional Nursing	3
SNUR 390	Seminar in Self Perception	3
		15

Junior year--Spring

SBIO 370	Pathophysiology	3
SNUR 331	Strategies for Nursing Action I	5
SNUR 361	Dynamics of Family and Community Health Nursing I	4
Elective[1]		3
		15

Senior year--Fall

SBAD 371	Principles of Management	3
SNUR 431	Strategies for Nursing Action II	4
SNUR 461	Dynamics of Family and Community Health Nursing II	4
Electives[1]		6
		17

[1]Electives are any credit course at the 101-level or above course taught on this campus, or any course other than a required course, transferred with acceptable credit. General Studies courses, University courses, and 100-level courses are not acceptable as electives. At least six semester hours of elective credit must be taken in Social and Behavioral Sciences. In addition, a minimum of six semester hours of electives must be

Senior year--Spring

SPSY 225	Psychological Statistics	3
SGIS 201	American National Government	3
SNUR 490	Nursing Practice: Search and Research	2
	Nursing Elective:	3

SNUR 495 Health Care for the Hospitalized Person
SNUR 496 Health Care for the Industrial Worker
SNUR 497 Health Care for the Older Person
SNUR 498 Health Care for the School Population

Elective[1]		3
Elective[2]		3
		17

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taken in the areas of humanities, business, or education. No less that six semester hours of the 15 hours of electives must be taken at the 300-level or above.

[1]See footnote number 1, page 120.

[2]This elective is designed to support the nursing elective and is selected with the approval of the School of Nursing faculty advisor.

COURSE DESCRIPTIONS

COURSE DESCRIPTIONS

Descriptions

Descriptions of all courses offered for undergraduate credit are arranged alphabetically by academic discipline on the following pages. Not all courses are available every term. A schedule of classes is printed before the registration period for each term as an announcement of course offerings. Students are advised to consult these schedules prior to registration. The university reserves the right to withdraw any course on the grounds of insufficient enrollment.

Course Numbering

Courses numbered from 100 to 699 are available for undergraduate credit. Courses numbered from 700 to 899 may be taken for graduate credit only and are described in the Graduate Studies catalog. Courses numbered from 100 to 499 are for four-year baccalaureate degree candidates. Courses numbered from 500 to 699 may be taken for undergraduate or graduate credit and are open to advanced undergraduates.

ANTHROPOLOGY (SANT)

102. Understanding Other Cultures 3 credit hours
An exploration and comparison of selected contemporary cultures, including their languages. An introduction to the concepts, methods, and data of sociocultural anthropology and anthropological linguistics.

ART

Art Education (SAED)

329. Art for Elementary Schools 3 credit hours
Methods of teaching art to elementary school children. Major emphasis is given to relevant studio experience.

Art History (SATH)

101. Methodology of Art History 3 credit hours
A slide-lecture course introducing the methods and techniques of art history: the formal, historical, and iconographic analysis of architectural monuments, paintings and examples of sculpture; aspects of various theories of art and architecture.

105. History of Western Art 3 credit hours
The visual arts from Paleolithic times to the Renaissance.

106. History of Western Art 3 credit hours
The visual arts from the Renaissance to the present.

200. History of Interiors 3 credit hours
The history of architectural interiors with special attention to period styles.

205. History of American Art I 3 credit hours
A survey of the history of art in America from colonial times to 1860.

206. History of American Art II 3 credit hours
A survey of the history of art in American from 1860 to the present.

207. History of Twentieth Century Art 3 credit hours
A survey of Western architecture, painting, and sculpture in the twentieth century.

399. Independent Study 3 credit hours
Opportunities to design and develop research projects of a complex and extensive nature in keeping with the student's primary interests.

507. Problems in Art: History and Criticism 3 credit hours
In-depth exploration of particular problems in history, criticism, or both culminating in a term paper, thesis, or monograph. Prerequisite: consent of instructor and division chairperson.

Art Studio (SART)

103, 104. Fundamentals of Art 3 credit hours each
Lecture-studio courses introducing basic experiences in two-dimensional and three-dimensional design, color, and drawing.

107. Color and Composition 3 credit hours
Color, color theory, and compositional systems.

111. Drawing I 3 credit hours
Basic course in the materials and techniques of drawing. Prerequisite: Studio Art 103 or consent of instructor.

112. Drawing II 3 credit hours
A continuation of the basic course in the materials and techniques of drawing. Prerequisite: Studio Art 111 or consent of instructor.

201. Advertising Design 3 credit hours
An introduction to design as applied to the field of advertising art. Prerequisite: Studio Art 103 or consent of instructor.

202. Ceramics 3 credit hours
Introductory course in ceramics, study of local clay, experiences in process of forming, decorating, glazing, and firing. Prerequisite: Art Studio 104 or consent of instructor.

207. Printmaking 3 credit hours
An introductory course in the processes and techniques of printmaking. Studio Art 103 or consent of instructor.

208. Introduction to Sculpture 3 credit hours
An introductory course in the materials and techniques of sculpture. Prerequisite: Studio Art 104 or consent of instructor.

211. Introduction to Painting 3 credit hours
An introductory course in materials and techniques of painting. Prerequisite: Studio Art 103 or consent of instructor.

229. Introduction to Crafts 3 credit hours
Traditional craft media: techniques, design, and contemporary concepts.

231. Life Drawing 3 credit hours
An introduction to drawing the figure from life with an emphasis on visual perception and basic drawing skills. Drawing from the live model in a variety of media. Prerequisite: Studio Art 112 or consent of instructor.

241. Interior Design 3 credit hours
An introductory course in interior design, with emphasis on architectural drafting.

249. Introduction to Fiber Arts 3 credit hours
Basic concepts and techniques in weaving, spinning, felting, warpping, and latch hooking. Prerequisite: Studio Art 104 or consent of instructor.

261. Photography 3 credit hours
The basic techniques and procedures of taking and processing photographs as personal artistic expression.

291. Video Art: Theory and Practice 3 credit hours
An introduction to television as an artistic and communications medium; small format video systems are used in the creation of individual projects.

301. Intermediate Advertising Design I 3 credit hours
Fundamentals of color, design, typography, advertising principles, layout design, lettering and type; the processes of reproduction and printing; various types of layout; preparation of roughs and comprehensives; the overall purpose and psychology of visual advertising. Prerequisite: Studio Art 201 or consent of instructor.

302. Intermediate Advertising Design II 3 credit hours
A continuation of Studio Art 301 with emphasis upon individual project design, fabrication, and presentation. Prerequisite: Studio Art 301.

303. Illustration 3 credit hours
Contemporary ideas and methods in editorial, industrial, interior, and advertising design. Prerequisite: Studio Art 201.

311. Intermediate Painting I 3 credit hours
A further exploration of the materials and techniques of painting with emphasis on individual creative expression. Prerequisite: Studio Art 211 or consent of instructor.

312. Intermediate Painting II 3 credit hours
A continuation of Studio Art 311 with emphasis upon individual project development and creative expression. Prerequisite: Studio Art 311 or consent of instructor.

321. Intermediate Ceramics I 3 credit hours
Intermediate study in ceramic processes and techniques, technical investigation in clay bodies and glazes, with emphasis on the wheel throwing technique. Prerequisite: Studio Art 202 or consent of instructor.

322. Intermediate Ceramics II 3 credit hours
A continuation of Studio Art 321 with emphasis upon individual creative projects. Prerequisite: Studio Art 321.

331. Advanced Drawing I 3 credit hours
Methods and materials of graphic representation and expression with emphasis on individual creative expression. Prerequisite: Studio Art 112.

332. Advanced Drawing II 3 credit hours
A continuation of Studio Art 311 with emphasis on the development of individual projects. Prerequisite: Studio Art 331.

339. Introduction to Metalsmithing 3 credit hours
Design and construction of objects in various metals and materials. Prerequisite: Studio Art 104 or consent of instructor.

349. Intermediate Fiber Arts **3 credit hours**
Concepts and techniques in surface design, including batik, dyeing, caning, and screen printing. Prerequisite: Studio Art 249 or consent of instructor.

371. Intermediate Printmaking I **3 credit hours**
An examination of the various printmaking or graphic techniques such as: intaglio, lithography, block printing, including the execution of original works in these media. Prerequisite: Studio Art 271.

372. Intermediate Printmaking II **3 credit hours**
A continuation of Studio Art 371. A further examination of the various printmaking or graphics techniques, such as: intaglio, lithography, and block printing, including the execution of orginal works in these media. Prerequisite: Studio Art 371.

381. Intermediate Sculpture I **3 credit hours**
Exploration and application of three-dimensional principles in different sculptural media. Prerequisite: Studio Art 208 or consent of instructor.

382. Intermediate Sculpture II **3 credit hours**
A continuation of Studio Art 381 with emphasis upon individual creative expression through particular projects. Prerequisite: Studio Art 381.

399. Independent Study **3-9 credit hours**
Opportunities to design and develop projects of a complex and extensive nature in keeping with the student's major creative interests. Prerequisite: consent of instructor and division chair.

411. Advanced Painting I **3 credit hours**
Students are given further opportunity to develop according to their own interests. Prerequisite: Studio Art 312.

412. Advanced Painting II **3 credit hours**
A continuation of Studio Art 411. Prerequisite: Studio Art 411.

421. Advanced Ceramics I **3 credit hours**
The processes and materials of ceramic works of art. Prerequisite: Studio Art 322.

422. Advanced Ceramics II **3 credit hours**
A continuation of Studio Art 421. Prerequisite: Studio Art 421.

471. Advanced Printmaking I **3 credit hours**
The process and materials for making fine prints. Prerequisite: Studio Art 372.

472. Advanced Printmaking II 3 credit hours
A continuation of Studio Art 471. Prerequisite: Studio Art 471.

481. Advanced Sculpture I 3 credit hours
The process and materials of sculpture. Advanced study in the process and materials of sculpture. Prerequisite: Studio Art 382.

482. Advanced Sculpture II 3 credit hours
A continuation of Studio Art 481. Prerequisite: Studio Art 481.

507. Problems in Art: Studio 3 credit hours
In-depth exploration of particular problems unique to certain media or processes. Prerequisite: consent of instructor or division chair.

ASTRONOMY (SAST)

111. Descriptive Astronomy I 3 credit hours

BIOLOGY (SBIO)

101. Biological Science I 4 credit hours
Biological principles stressing unifying concepts at all levels of organization. For biology majors, pre-medical students, and others needing a prerequisite background in biological sciences. Three lecture and three laboratory hours per week.

102. Biological Science II 4 credit hours
A continuation of Biology 101. Three lecture and three laboratory hours per week. Prerequisite: Biology 101.

110. General Biology 4 credit hours
An introduction to basic biological concepts for non-biology majors, presented within context of contemporary thought. This course cannot serve either as a prerequisite for upper level courses or for major credit. Three one-hour lectures and one three-hour laboratory per week.

232. Anatomy 4 credit hours
An anatomical study of the human body. Required of students in nursing and pharmacy. Open to biology majors, pre-medical, pre-dental, pre-allied health science students. Three lecture and three laboratory hours per week.

242. Physiology 4 credit hours
A study in Human Physiology. Required of students in nursing and pharmacy. Open to biology majors, pre-dental, pre-allied health science students. Three lecture and three laboratory hours per week. Prerequisite: Biology 232 or consent of instructor.

310. Invertebrate Zoology 4 credit hours
Phylogenetic and comparative aspects of anatomy, physiology, reproduction and embryology of the invertebrates. Three lecture and three laboratory hours per week. Prerequisite: Biology 101-102 or consent of instructor.

315. Comparative Vertebrate Anatomy 4 credit hours
Phylogenetic and comparative aspects of anatomy, physiology, reproduction and embryology of the vertebrates. Three lecture and three laboratory hours per week. Prerequisite: Biology 310.

320. General Botany I 4 credit hours
Phylogenetic survey of the major plant divisions and consideration of the structure and development of flowering plants. Three lecture and three laboratory hours per week. Prerequisite: Biology 101-102 or consent of instructor.

330. Microbiology 4 credit hours
An introduction to bacteria and viruses, emphasizing morphology, pathogenic microbes, antigen-antibody relationships, and antimicrobial agents in chemotherapy. Required of students in nursing and pharmacy. Open to science majors. Three lecture and three laboratory hours per week.

340. Cell Biology 4 credit hours
Comprehensive study of morphology, ultrastructure and biochemistry of living cells and their organelles. Bioenergenetics, metabolism, division and differentiation as cellular phenomena. Three lecture and three laboratory hours per week. Prerequisite: Biology 101-102 or consent of instructor.

350. Fundamental Genetics 4 credit hours
Basic principles of transmission and molecular genetics: quantitative inheritance, recombination; biochemical aspects of gene function and regulation; developmental genetics and population genetics. Examples drawn from microbes, plants, animals and man. Three lecture and three laboratory hours per week. Prerequisite: Biology 101-102 or consent of instructor.

360. General Physiology 4 credit hours
Three lecture and four laboratory hours per week. Prerequisite: Biology 102.

370. Pathophysiology 3 credit hours
Pathophysiology is concerned with disruptions of normal physiology, with the processes that bring about these disruptions, and with various ways in which the disruptions manifest themselves. Three lecture hours per week. Prerequisite: Biology 232, 242, 330 or consent of instructor.

380. Plant Geography 4 credit hours
A study of plant distribution. Emphasis is placed on the distribution of species and the ecological, biological, and geographical phenomena controlling such patterning. Each major plant grouping on earth is discussed: tundra boreal forest, coastal plain, deciduous forest, tropical rain forest, prairies, desert, sclerophyll forest. Labs consist of a series of weekend field trips. Prerequisite: Biology 101-102.

398. Special Topics in Biology 1-3 credit hours
Intensive study in selected areas of biology. Individual topics are announced with suffix and title. Not for major credit, elective credit only. Prerequisite: consent of instructor.

399. Independent Study 3 credit hours
(Not for major credit.)

400. Man and His Environment 3 credit hours
The interaction of man and the environment emphasizing the intimate relationship of the biosphere to man. Not available for biology major credit. Three lecture hours per week.

440. Applied Human Physiology 3 credit hours
Designed to teach non-science majors the fundamentals of functional human biology and to build on these fundamentals a relevant knowledge of medical problems in contemporary society such as obesity, malnutrition, emphysema, organ transplants, cardiovascular disease, and man in space. Not available for biology major credit. Three lecture hours per week.

525. Plant Taxonomy 4 credit hours
The major classes of flowering plants found in South Carolina are described in lecture and representative examples of each class are studied in the laboratory. Students are expected to collect 30 flowering plants, press, and identify them as a special class project. Economic uses as well as some horticultural uses are also discussed. Three lecture and three laboratory hours per week. Prerequisite: Biology 101-102 or consent of instructor.

530. Histology 4 credit hours
A study of the microscopic anatomy of human cells, tissues, and organs. Three lecture and three laboratory hours per week. Prerequisite: 1 year biological science and 1 year chemistry.

531. Parasitology 4 credit hours
A survey of the parasites of animals, with emphasis on the immunological, clinical, and epidemiological aspects of human parasitism. Three lecture and three laboratory hours per week. Prerequisite: 1 year biological science and 1 year chemistry.

534. Animal Behavior 4 credit hours
The identification and classification of behavior patterns exhibited by various species of animals; the determination of relationships among behaviors together with their origin and development. Three hours lecture and three hours laboratory per week. Prerequisite: 6 credits in basic psychology, or Psychology 101 and Biology 102.

541. Biochemistry 4 credit hours
Chemistry and functions of major biological compounds, including primary metabolic pathways and control mechanisms for biosynthesis and degradation. Three lecture and four laboratory hours per week. Prerequisite: Chemistry 232 or consent of instructor.

570. Principles of Ecology 4 credit hours
Interactions of organisms and the environment; ecosystems structure and functions. Three lecture and three laboratory hours per week. Prerequisite: Biology 102.

601. Developmental Biology 4 credit hours
A comparative analysis of the major facts and principles associated with embryological development and differentiating mechanisms in the control of developments in plants and animals are discussed at the cellular and molecular level. Three lecture and three laboratory hours per week. Prerequisite: Biology 101-102 and 340 or consent of instructor.

645. Senior Seminar 1 credit hour
Required of biology majors. Prerequisite: 16 hours of biology.

BUSINESS ADMINISTRATION (SBAD)

190. Business Data Processing 1 credit hour
An introduction to the data processing needs of a business organization with emphasis on management information systems. Routine data processing and decision-making applications for the computer are described in a profit-making environment. Other concepts introduced are computer modeling, hardware and software selection and the design of information systems. Prerequisite: Computer Science 130 and one of Computer Science 131-136 or an equivalent course in computer fundamentals and programming.

225, 226. Fundamentals of Accounting 3 credit hours each
Principles upon which accountants rely in their determination of a firm's net income and financial position. Study in some depth of financial, managerial, and production accounting.

290. Business Applications Programming 3 credit hours
Introductory COBOL programming with emphasis on commercial applications. Not to be taken by computer science majors or data processing concentration business majors. Prerequisite: Computer Science 130 and one of Computer Science 131-136 or equivalent. (Equivalent to Computer Science 231.)

Note: Students not majoring in Business Administration must have the consent of the instructor before enrolling in the 300-level or above courses.

331, 332. Intermediate Accounting 3 credit hours each
Detailed study of the theory of accounts and the techniques of accounting: balance sheet accounts and problems of recording, tracing and valuation; revenue recognition and income determination under the various theories of recognition. Prerequisite: Business Administration 226.

333. Cost Accounting I 3 credit hours
Principles and procedures of cost accounting. Prerequisite: Business Administration 226.

334. Cost Accounting II 3 credit hours
Principles and procedures of cost accounting continued. Prerequisite: Business Administration 333.

335. Individual Tax Planning 3 credit hours
Introduction to federal income tax law as it relates to planning individual transactions to minimize income taxes. Includes preparation of individual tax returns utilizing such planning.

336. Fund Accounting 3 credit hours
Principles and procedures of accounting for the various funds of governmental and institutional organizations and budgetary accounting for planning and controlling revenues and expenditures. Prerequisite: Business Administration 226.

347. Commercial Law 3 credit hours
Contracts, agencies, and partnerships.

348. Commercial Law II 3 credit hours
Corporations, bankruptcy, and the Uniform Commercial Code. Prerequisite: Business Administration 347.

350. Principles of Marketing 3 credit hours
Marketing functions, trade channels, price policies, expenses and profits of middlemen, and public policy with respect to marketing practices. Prerequisite: Economics 121, 122.

352. Marketing Communications 3 credit hours
A study of the promotion mix of advertising, personal selling, publicity, and sales promotion which is used to communicate with consumers, middlemen, and industrial markets. The psychological, sociological, and cultural factors influencing promotion are discussed. The emphasis is on "buyer behavior"--the target of all promotional activity. Prerequisite: Business Administration 350.

363. Business Finance 3 credit hours
The procurement and management of wealth by privately owned profit-seeking enterprises. Prerequisite: Business Administration 226.

366. Principles of Real Estate 3 credit hours
Principles of property utilization, the law dealing with ownership, titles, and liens; determinants of value; the real estate cycle; regulatory legislation; current problems in urban and suburban land use; city structure and planning. Prerequisite: junior standing.

369. Personal Finance 3 credit hours
Life insurance, health insurance, wills, trusts, social security, stocks, bonds, real estate, mutual funds, and other uses of funds.

371. Principles of Management 3 credit hours
A comprehensive survey of the basic principles of management applicable to all forms of business. This course provides students with a basis for thinking about complex business situations in the framework of analysis of the management process. Prerequisite: junior standing.

374. Personnel Management 3 credit hours
A development of an understanding of personnel administration as a staff function through a study of modern-day concepts and practices. Topics include: research and standards, employment, training and education, safety and health, employee services and industrial relations. Prerequisite: junior standing.

376. Organizational Behavior 3 credit hours
Study of individual and group behavior viewed from a managerial perspective within the organizational setting. Prerequisite: Business Administration 371 or consent of instructor.

390. Business Information Systems 3 credit hours
Concepts of designing information systems: data flows, purposes, sources, storage, retrieval, processing, and reporting; data base organization. Prerequisite: Business Administration 190 or consent of instructor.

393. Management Decision Methods 3 credit hours
Quantitative methods of assistance to managers in the decision making process with applications in the production and operations areas. Topics include: decision analysis: linear programming, the graphical and simplex methods; applications of linear programming in production, transportation problems; fundamentals and applications of PERT/CPM, queueing models, and inventory models. Prerequisite: Economics 291.

399. Independent Study 3-15 credit hours

452. International Marketing 3 credit hours
An analysis of cultural, legal, political, and economic factors affecting the marketing of products and services in world markets. Prerequisite: Business Administration 352.

457. Marketing Research 3 credit hours
A study of research methods and procedures used in the marketing process. Particular emphasis is given to the sources of market data, sampling, preparation of questionnaires, collection and interpretation of data and the relation of market research to the policies and functions of the business enterprise. Emphasis is placed upon differences in life-style, beliefs, attitudes, etc., and their influences upon the marketing decisions of the foreign firm. Prerequisite: Business Administration 350, Economics 291 and 292.

463. Advanced Business Finance 3 credit hours
A study of the advanced phases of business finance where theory and principles are employed in solving actual business cases. Prerequisite: Business Administration 363.

467. Real Estate Finance 3 credit hours
A study of the various instruments utilized in the financing of real property, including such items as mortgages, junior liens, land contracts, long-term leasing and sale, and lease-back arrangements. Attention is also given to important institutional and other sources of funds for real estate financing and to the program of the U.S. government and its agencies. Prerequisite: Business Administration 366.

468. Real Estate Appraisal and Investment Management 3 credit hours

Relationship between valuations and market prices; local real estate taxes as a charge against income-producing property; various approaches to value from an income point of view; the valuation of leaseholds and problems in eminent domain, principles of investment as they apply to real estate and the management of real estate management portfolios. Prerequisite: Business Administration 366.

469. Investment Analysis and Portfolio Management 3 credit hours

Conceptual and analytical framework for formulating investment policies, analyzing securities and constructing portfolios. Prerequisite: junior standing.

475. Production Management 3 credit hours

Emphasis is on the essential features of production/operations management with details on specific concepts and modeling applications. At the same time, the detailed activities of the production manager are related to each other. Topics include: the assignment and transportation problems, scheduling, forecasting models, inventory control systems, and quality control. Prerequisite: Business Administration 371, 393.

477. Organizational Concepts 3 credit hours

A conceptual framework for the orderly analysis of management functions through studies in organization, planning, and control theories. Prerequisite: Business Administration 371.

478. Business Policy 3 credit hours

A multi-functional approach to the study of organizational problems and opportunities, emphasis is placed on integrating the functions of an organization through strategy, objectives, policies, technology, environments, systems, and decision making. Prerequisite: Business Administration 350, 363, 371, senior standing.

490. Management Information Systems 3 credit hours

An integrative course in computer-based management information systems requiring a project which encompasses the analysis, design and implementation of an actual management information system in a user's environment. The required project involves a total feasibility study including the information flows, economics, risk assessments, and the behavioral and legal implications of the system. Prerequisite: Computer Science 231 or Business Administration 290, 390, or consent of instructor.

492. Complex Managerial Decisions 3 credit hours
A study of the use of computer-based mathematical models as a basis for managerial decisions. Emphasis is on mathematical programming and Bayesian statistical analysis. Students use prepackaged computer programs as a solution methodology. Prerequisite: Economics 291, 292 and Business Administration 393, or consent of instructor.

532. Advanced Federal Income Tax 3 credit hours
This course continues the study of tax problems through estates and trusts, partnerships, corporations, foreign income, gift, and social security taxes. Prerequisite: Business Administration 335.

535. Auditing Theory I 3 credit hours
A study of the practical application of accounting knowledge to the problems of auditing and a study of the installation, use, and effect of systems of internal control. Prerequisite: Business Administration 332.

536. Auditing Theory II 3 credit hours
A study of auditor ethics, legal liability, the audit of Electronic Data Processing systems, the audit application of statistical sampling, and the reporting function of the independent auditor. Prerequisite: Business Administration 535.

537. Advanced Accounting I 3 credit hours
In-depth study of business combinations and consolidated financial statements. Prerequisite: Business Administration 323.

538. Advanced Accounting II 3 credit hours
In-depth analysis of selected topics related to external financial reporting. Topics include partnerships, fiduciary relationships, and international operations. Prerequisite: Business Administration 537.

539. Accounting Information Systems 3 credit hours
Design and operation of information systems for accounting and management control with emphasis on electronic data processing of accounting information. Prerequisite: Business Administration 332 and 333.

558. Marketing Management **3 credit hours**
A study of the aggregate marketing system from the point of view of the decision maker. Topics included are: the policy areas of organization, research, product, promotion, pricing, channels, forecasting, distribution cost analysis, control, and management of the sales force. Prerequisite: Business Administration 352.

561. International Business Finance **3 credit hours**
The financial management of a multinational business enterprise. Topics include subsidiary working capital management, financial analysis of overseas ventures, sources of international capital, funds remittance policies, trade finance, exchange risk management policies, and techniques of financial control. Prerequisite: Business Administration 363.

582. Office Management **3 credit hours**
An analysis of the organization, administration, and functions of the business office as a support system for business decisions. Emphasis is placed on the economic, technical, and behavioral considerations in office management. Special attention is given to the impact of changing information processing technology on the role of the business office. Prerequisite: Business Administration 190, 371, or consent of instructor.

589. Electronic Data Processing Audit and Controls **3 credit hours**
An introduction to electronic data processing (E.D.P.) auditing with emphasis on E.D.P. controls, audit types, audit techniques, and their effects on system development. Prerequisite: Business Administration 226, 390.

591. Simulation of Business Systems **3 credit hours**
Theory and design of business simulation experiments, development and use of computer simulation models, and analysis of data generated by computer simulation experiments. Prerequisite: Business Administration 390, Economics 292.

593. Information Systems Planning **3 credit hours**
An introduction to the financial, technical, and strategic information systems planning process. Prerequisite: Business Administration 390.

595. Information Resource Management **3 credit hours**
A seminar in information systems management with emphasis on planning, organizing, and controlling user services and managing the system development process. Prerequisite: Business Administration 490.

CHEMISTRY (SCHE)

Note: Students may satisfy the prerequisite requirements for advanced undergraduate courses in chemistry by taking Chemistry 111 and 112.

101. General Chemistry 4 credit hours
First portion of a two-semester terminal course (Chemistry 101-102). Engineers, science majors, pre-meds, etc., requiring more than two semesters of chemistry should not enroll in this course. Three lecture, one recitation, and two laboratory hours per week.

102. Introduction to Organic and Biochemistry 4 credit hours
Second portion of a two-semester terminal course (Chemistry 101, 102). Engineers, science majors, pre-med, etc. should not enroll in this course. Three lecture, one recitation and two laboratory hours per week. Prerequisite: Chemistry 101 or 111.

105. Chemistry and Modern Man I 3 credit hours
A conceptual and qualitative approach to chemistry, its evolution, achievements, goals, and its impact on technology, the environment, modern life and thought. Specifically designed for students planning no further study of chemistry or science. Three lecture hours.

106. Chemistry and Modern Man II 3 credit hours
A continuation of Chemistry 105. Three lecture hours. No prerequisite.

106L. Chemistry and Modern Man II Laboratory 1 credit hour
Three laboratory hours per week. Prerequisite or Corequisite: Chemistry 106.

111. General Chemistry 4 credit hours
A survey of the principles that underlie all chemistry with applications illustrating these principles. Three lecture, one recitation, and two laboratory hours per week. Prerequisite or Corequisite: Mathematics 121 or 125.

112. General Chemistry and Qualitative Analysis 4 credit hours
A continuation of Chemistry 111. Special emphasis on chemical equilibrium. Three lecture, one recitation, and three laboratory hours per week. Prerequisite: Chemistry 111 and Mathematics 121 or 125.

221. Quantitative Analysis 3 credit hours
Principles of gravimetric, volumetric, and basic instrumental methods of analysis. Three lecture hours per week. Prerequisite: Chemistry 112.

221L. Quantitative Analysis Laboratory 1 credit hour
The practice of volumetric, gravimetric, and simple instrumental methods of analysis. Three laboratory hours per week. Corequisite: Chemistry 221.

231. Organic Chemistry 3 credit hours
A systematic study of organic chemistry for non-majors. Three lecture hours and one recitation hour per week. Prerequisite Chemistry 112 or consent of instructor.

231L. Organic Chemistry Laboratory 1 credit hour
A survey of laboratory methods of organic chemistry. Three laboratory hours per week. Prerequisite or Corequisite: Chemistry 231.

232. Organic Chemistry 3 credit hours
A continuation of Chemistry 231. Three lecture hours and one recitation hour per week. Prerequisite: Chemistry 231.

232L. Organic Chemistry Laboratory 1 credit hour
Three laboratory hours per week. Prerequisite: successful completion of Chemistry 231L and successful completion of, or concurrent enrollment in, Chemistry 232.

310. Introductory Biochemistry 4 credit hours
A one semester terminal course outlining major biological molecules, metabolic pathways, enzymatic kinetics, molecular genetics, and physiology. Three hours lecture and three hours laboratory per week. Not for science majors. Prerequisite: Chemestry 101 or 111, 112, or consent of instructor.

COMPUTER SCIENCE (CSCI) and (SCSC)

130. Introduction to Computer Technology 2 credit hours
Basic computer components and peripherals, basic computer function, input/output concepts, storage concepts, data communications, distributed processing, programming language concepts. Corequisite: 1 or more courses selected from Computer Science 131-136.

131. BASIC Programming 1 credit hour
An introduction to programming in the BASIC language. Prerequisite or Corequisite: Computer Science 130.

132. COBOL Programming 1 credit hour
An introduction to programming in the COBOL language. Prerequisite or Corequisite: Computer Science 130.

133. PL/1 Programming 1 credit hour
An introduction to programming in PL/1. Prerequisite or Corequisite: Computer Science 130.

134. FORTRAN Programming 1 credit hour
An introduction to programming in FORTRAN. Prerequisite or Corequisite: Computer Science 130.

135. SNOBOL Programming 1 credit hour
An introduction in programming in SNOBOL. Prerequisite or Corequisite: Computer Science 130.

136. PASCAL Programming 1 credit hour
An introduction to programming in PASCAL. Prerequisite or Corequisite: Computer Science 130.

140. Introduction to Algorithmic Design 3 credit hours
Problem solving and algorithmic design in a procedural language. Rigorous techniques in the design, coding, testing, and documentation of computer programs are emphasized. Two lectures and two laboratory hours per week. Prerequisite: three years of college preparatory mathematics or equivalent.

210. Assembler Language Programming 3 credit hours
Computer organization: memory, CPU, registers, and PSW. Addressing techniques. Assembly language programming: arithmetic and logical instructions, subroutines and linkages, process interrupts. Prerequisite: Computer Science 240 and Mathematics 122 or 141.

211. Assembler Language Programming II 3 credit hours
A continuation of Computer Science 210: interrupts, I/O programming, macro instructions, conditional assembly. Prerequisite: Computer Science 210.

231. Business Applications Programming 3 credit hours
Introductory COBOL programming with emphasis on commercial applications. (Not to be taken by computer science majors or data processing concentration business majors.) Prerequisite: Computer Science 130 and one of Computer Science 131-136 or equivalent. (Equivalent to Business Administration 290.)

240. Introduction to Algorithmic Design II 3 credit hours
A continuation of Computer Science 140. Rigorous development of computer algorithms is emphasized. Elementary data structures, algorithm analysis, programming techniques such as string and recursion are introduced. Prerequisite: Computer Science and Mathematics 121 or 141.

310. Introduction to Computer Architecture 3 credit hours
Computer system organization, conventional machine architecture, microprogrammed architecture and organization, multilevel machines. Prerequisite: Computer Science 240.

320. Information Structures 3 credit hours
Arrays: Dense and linked lists; stacks, queues, trees, graphs and their applications. Sorting, searching, and hashing methods are discussed. Prerequisite: Computer Science 240.

331. COBOL Programming 3 credit hours
Basic and advanced programming with emphasis on commercial applications. Prerequisite: Computer Science 240.

333. FORTRAN Programming 3 credit hours
Basic and advanced programming in the FORTRAN language. Prerequisite: Computer Science 240 or Business Administration 190.

399. Independent Study 1-9 credit hours

420. File Management 3 credit hours
Concepts of I/O management: fields, key, records, and buffering. File organization: sequential, indexed sequential, and direct access. File sorting, searching, and merging. File structures in data base systems: inverted, multi-ring, and hybrid files. Time and storage space requirements. Data security and integrity. Prerequisite: Computer Science 320.

441. Applied Commercial Programming 3 credit hours
Relation of the individual programmer to programming teams, user groups, and management. Internship in a data processing operation is the core of the course. Prerequisite: 6 hours in programming courses and consent of instructor.

508. Computer Methods for Humanistic Problems 3 credit hours
Introduction to data processing concepts suitable for research interests in non-numerical areas such as the humanities. Orientation to data processing equipment and computers. Logic, flow-charting, list-processing, programming languages. Analysis of appropriate computer-assisted research projects. (Not for computer science majors and not recommended for students in mathematics and the sciences.) Prerequisite: consent of instructor. (Equivalent to English 526.)

508L. Laboratory for Computer Methods for Humanistic Programs 3 credit hours
Broad but intensive introduction to computer systems and programming for students in the humanities. No mathematical or scientific background is presumed. Laboratory experience with data processing equipment. Introduction to elementary digital computer programming in an appropriate language. (Not for computer science majors and not recommended for students in mathematics and the sciences.) Corequisite: Computer Science 508. (Equivalent to English 526.)

509. Topics in Computer Science 1-3 credit hours
Selected topics of special interest in computer science. May be repeated for credit. Prerequisite: consent of instructor.

511. Operating Systems 3 credit hours
Basic concepts and terminology of operating systems, concepts of I/O and interrupt programming, machine structure, memory management, processor management, and devise management. Prerequisite: Computer Science 310, 320.

512. Computer Communications Subsystems 3 credit hours
Descriptions of typical network and distributed concepts are discussed. Concentration is on the systems as viewed from the communication mechanism. Focus is on distributed systems, networks, local networks, back-end storage networks, etc. The systems are viewed as a set of hierarchical cooperating protocol levels. Models for message switches, circuit switches, and bus structures are developed. Prerequisite: Computer Science 310.

520. Database System Design 3 credit hours
Database organization; design and use of database management systems; database models: network, hierarchical, and relational; data description languages, data independence, and representation. Prerequisite: Computer Science 420.

530. Programming Language Structures 3 credit hours
An introduction to the structure of programming languages: formal specification of syntax and semantics, structure of algorithms. List processing and string manipulation languages. Basic data types and interfacing procedures. Prerequisite: Computer Science 210, 320.

540. Advanced Program Design 3 credit hours
Review of structured and top-down design, modular programming, and data types. Introduction to time-space trade-offs, I/O and files, flow of control, preprocessors, error handling and interrupts, documentation. Prerequisite: Computer Science 240.

550. Discrete Mathematics for Computer Science 3 credit hours
Introduction to mathematical tools for use in computer science: mathematical models, reasoning, sets, binary relations, functions, counting, analysis of algorithms, infinite sets, algebras. Prerequisite: Mathematics 141, 240. (Equivalent to Mathematics 550.)

560. Numerical Analysis I 3 credit hours
Difference calculus. Direct and interactive techniques for matrix inversion. Eigenvalue problems. Numerical solutions of initial value problems in ordinary differential equations. Stability. Error analysis. Laboratory applications. Prerequisite: Mathematics 242, 544.

599. Computer Science Senior Seminar 3 credit hours
Recent developments in theoretical and applied computer science to meet current faculty and student interest. Prerequisite: consent of instructor.

CRIMINAL JUSTICE (SCRJ)

321. Criminal Law 3 credit hours
The origin and development of criminal law in America. The course examines the basic elements of crime and defenses.

333. Community-Based Corrections 3 credit hours
The development and impact of community programs, halfway houses, group homes, work-release, and educational release programs, including the role of the community and citizens in the correctional process.

341. Sociology of Crime 3 credit hours
Social factors in the development, identification, and treatment of criminals. (Equivalent to Sociology 353.)

342. Crime in America 3 credit hours
The manifestations of crime, its victims, and societal control strategies. The correlates of crime and the collection and use of criminal statistics are discussed.

351. Juvenile Delinquency 3 credit hours
A survey of juvenile delinquency, its history, etiologies, manifestations, and extent. (Equivalent to Sociology 350.)

399. Independent Study 3 credit hours
May be repeated once with the consent of the advisor.

421. Court Administration 3 credit hours
The role of a court administrator through the judicial process, including juror selection, case calendaring, docket preparation, administrative procedures, and records. (Equivalent to Government 452.)

470. Criminal Justice Organization Theory 3 credit hours
An examination of the problems, processes, and theories of communication, decision making, and control in criminal justice agencies.

491. Selected Current Topics 3 credit hours
A seminar for advanced students. May be repeated once with the consent of the advisor. Prerequisite: consent of instructor.

521. Civil Rights and Civil Liberties 3 credit hours
A study of civil rights with particular emphasis upon freedom of religion, freedom of speech and association, due process, equal protection, and criminal procedure. May be taken independently of Government 550. Prerequisite Government 201. (Equivalent to Government 551.)

571. Comparative Criminal Justice Systems 3 credit hours
The analysis of international criminal justice systems. Emphasis is upon legal foundations, current structures, and strategies of crime control. Prerequisite: senior standing and consent of instructor.

581. Criminal Justice Planning 3 credit hours
The history, function, and techniques of comprehensive planning in the criminal justice system, including the role of agency planners.

ECONOMICS (SECO)

121. Principles of Macroeconomics 3 credit hours
A study in-depth of the causes and effects of changes in the economic aggregates, such as gross national product, personal income, unemployment, inflation, etc. The course should make the student more aware of the role of the economics in contemporary society and the effect of government monetary and fiscal policy on the functioning of a free-market system. Economics 121 and 122 may be taken in either sequence although students should schedule 121 first, if possible.

122. Principles of Microeconomics 3 credit hours
A study in-depth of consumer demand, supply and price in a free-market system. The economics of the firm is studied within the context of different market structures. Economics 121 and 122 may be taken in either sequence although students should schedule 121 first, if possible.

291. Probability and Statistics 3 credit hours
Basic concepts of probability, probability distributions, and sampling theory. Prerequisite: Mathematics 121 and 122.

292. Statistical Inference 3 credit hours
Basic methods of statistical inference including additional topics in hypothesis testing, some linear statistical models, and time series analysis. Prerequisite: Economics 291.

Note: Students not majoring in Business Administration must have the consent of the instructor before enrolling in the 300-level or above courses.

301. Commercial and Central Banking 3 credit hours
A study of the history, structure, functions, and operations of our commercial and central banking systems. Emphasis is placed on the influence and operations of the Federal Reserve System. Prerequisite: Economics 121, 122.

311. Issues in Economics 3 credit hours
The nature and causes of major economic problems facing the nation and its communities and policy alternatives designed to solve them. The philosophy and methodology of economics in social problem solving are discussed. Prerequisite: Economics 121 or equivalent.

321. Intermediate Microeconomic Theory 3 credit hours
Analysis of neo-classical value and distribution theory. Prerequisite: Economics 121, 122.

322. Intermediate Macroeconomic Theory 3 credit hours
Analysis of income and employment theory. Prerequisite: Economics 121, 122.

499. Topics in Economics 3 credit hours
A course of intensive study in selected areas of economics. The major topic varies depending on available staff and the interests of students. This course may be repeated for credit. Prerequisite: Economics 121, 122 and junior standing or consent of instructor.

503. International Economics 3 credit hours
A study of the theory of international specialization and exchange, the making of intransactions to national income. An introductory survey is provided to the network, composition and sources of world trade. Prerequisite: Economics 121, 122.

524. Essentials of Economics 3 credit hours
A course designed to acquaint students with the principles of operation of the American economic system. The course is designed to meet the needs of education majors and social studies teachers. Not available for business administration majors.

526. Managerial Economics 3 credit hours
A study of the application of the economic theory of profits, competition, demand, and costs to analysis of problems arising in the firm and in decision making. Price policies, forecasting, and investment decision are among the topics considered. Prerequisite: Economics 121, 122, 292, 292.

594. Introduction to Econometrics 3 credit hours
An introduction to the measurement, specification, estimation, and interpretation of the functional relationships through single equation least squares techniques. Problems of multicolinearity, dummy variables, heteroscedasticity, autocorrelation, and lagged variables in simple economic models are introduced. Prerequisite: Economics 292 or equivalent.

EDUCATION

Curriculum and Instruction (SEDC)

400. Resources for Teaching 1 credit hour
A laboratory course in the construction of classroom materials and the use of audiovisual equipment. Prerequisite: SEDL 441 and SEDR 514, Corequisite: SEDL 410, 446, 447, 448, SEDR 516.

555. Resources for Teaching and Learning 3 credit hours
An introduction to educational technology, its increasing importance in the total school program, and its relationship to learning theories and communication. Emphasis is placed upon a practical survey of media and materials as they facilitate the teaching-learning process.

Early Childhood Education (SEDE)

111, 211. Practicum in Education 1 credit hour each
A sequence of supervised practicum experiences in various types of educational settings. Seminar and group discussions included. Pass-fail credit. SEDE 310 is taught in conjunction with SEDF 333.

210. Practicum in Education 1 credit hour
A sequence of supervised practicum experiences in various types of educational settings. Seminars and group discussions included. Pass-fail credit. SEDE 210 is taught in conjunction with SEDF 321. Prerequisite: SEDE 111, Corequisite: SEDF 321.

310. Practicum in Education 1 credit hour
A sequence of supervised practicum experiences in various types of educational settings. Seminars and group discussions included. Pass-fail credit. SEDE 310 is taught in conjunction with SEDF 333. Corequisite: SEDF 333.

311. Practicum in Education 1 credit hour
A sequence of supervised practicum experiences in various types of educational settings. Seminars and group discussions included. Pass-fail credit. SEDE 311 is taught in conjunction with SEDE 341. Prerequisite: SEDE 310, Corequisite: SEDE 341.

341. Educational Procedures for Exceptional Children 3 credit hours
Theoretical and practical approaches to the education of the young, exceptional child are explored. Emphasis is placed on application of current remedial procedures for exceptional children. Alternative administrative arrangements and sources of academic therapy are also discussed. Prerequisite: admission to the professional program or consent of instructor. Corequisite: SEDE 311.

410. Practicum in Education 1 credit hour
A sequence of supervised practicum experiences in various types of educational settings. Seminars and group discussions included. Pass-fail credit. SEDE 410 is taught in conjunction with SEDE 542. Prerequisite: SEDE 311, Corequisite: SEDE 542.

469. Directed Teaching in Early Childhood Education 15 credit hours
With supervision, students work with children (kindergarten through fourth grade) in educational settings in all areas of the curriculum. Prerequisite: completion of requirements of freshman, sophomore, and junior year as outlined in Early Childhood program of study.

542. Early Childhood Curriculum 3 credit hours
This course is designed for prospective teachers who will work in the nursery, kindergarten and primary grades. Attention is given to learning activities, materials, and equipment suitable for teaching at this level. Emphasis is given to appropriate methods and the assessment of readiness and maturation of children ages three through eight and to the relationship of various subject areas to the general educational development of the child. Prerequisite: admission to the professional program.

547. Language Development and Communicative Skill — 3 credit hours

This course deals with the relationship of language development and thinking to teaching the communicative skills to young children. Specific areas covered are activities designed to develop oral language facility, writing (handwriting, spelling, functional, and creative writing), and listening. Also, specific techniques dealing with diagnosis of language development are handled. Prerequisite: admission to the professional program or consent of instructors.

548. Math for the Young Child — 2 credit hours

Materials and programs for teaching mathematics to the young child. Students gain knowledge of the methods and theories of developing mathematics programs. Students also gain competence in the selection, preparation, and presentation of materials, and techniques of presentation. Prerequisite: admission to the professional program or consent of instructor.

549. Science for the Young Child — 2 credit hours

Materials and programs for teaching science to the young child. Students gain knowledge of the methods and theories of developing science programs. Students also gain skill in selection, preparation, and presentation of materials and techniques of presentation. Prerequisite: admission to the professional program or consent of instructor.

550. Social Studies for the Young Child — 2 credit hours

This course deals with the selection and appropriate utilization of social science concepts, facilitation of development in this area, applications of these concepts to social problems and socialization of children. Prerequisite: admission to the Professional Program or consent of instructor.

Elementary Education (SEDL)

110. Elementary Practicum — 1 credit hour

A practicum experience in elementary, middle school, and secondary settings. This course provides in-school experience working with children and teachers. Topics covered are: observation techniques, child behavior, teacher behavior, curriculum instructional materials, career choice and state requirements for certification. Seminars and group discussions included through biweekly meetings. Fifteen hours of observation and/or other duties in public settings required. Pass-fail credit.

210. Elementary Practicum 3 credit hours
A practicum experience in elementary and middle school settings. This course provides in-school experience working with children and teachers. This course covers the following topics: social, political, economic, and philosophical influence upon the schools as reflected in school practice. Seminars and group discussions included through biweekly meetings. Fifteen hours of observation and/or other duties in public schools required. Pass-Fail credit. Taught in conjunction with SEDF 321.

310. Elementary Practicum 3 credit hours
A practicum experience in elementary and middle school settings. This course provides an opportunity to conduct a case study of an elementary student. This case study reflects an ability to observe and analyze data concerning the social, emotional, physical, and intellectual growth of children. Seminars and group discussions included through biweekly meetings. Fifteen hours of observation and/or other duties in public schools required. Pass-Fail credit. Taught in conjunction with SEDF 333. Prerequisite: SEDL 210, Corequisite: 333.

311. Elementary Practicum 1 credit hour
A practicum experience in elementary and middle school settings where children with special needs are taught. This course covers the following topics: assessment, diagnosis, prescription, and instruction of children with special needs. Students are provided an opportunity to teach specific skills to students with special needs. Seminars and group discussions are included through biweekly meetings. Fifteen hours of observation and/or other duties in public school required. Pass-Fail credit.

410. Elementary Practicum 1 credit hour
A practicum experience in elementary and middle school settings. Seminars and group discussions included in biweekly meetings. This course is designed to provide the opportunity to practice teaching strategies with small groups of students. Students demonstrate selected strategies in language arts, science, social studies, and mathematics. Fifteen hours of observation and teaching required. Pass-Fail credit. Taught in conjunction with the elementary block (SEDL 445, 446, 447, 448 and SEDC 400). Prerequisite: SEDL 441 and SEDR 514, Corequisite: SEDL 410, 445, 446, 447, 448, SEDC 400, and SEDR 516.

441. The Elementary School Curriculum and Organization 3 credit hours
Study of the entire school program, including grouping, grading, placement, and organization of both the children and the school for optimal learning. Prerequisite: SEDF 333 and 335, Corequisite: SEDR 514.

442. Resources for Teaching in the Elementary School 3 credit hours
A laboratory course in the study and construction of modern classroom materials. Emphasis is placed upon a practical survey of media and materials that facilitate the teaching-learning process.

445. Teaching Language Arts in the Elementary and Middle School 2 credit hours
Materials, programs, and methods for teaching language arts in the elementary and middle schools. Prerequisite: SEDL 441 and SEDR 514, Corequisite: SEDL 410, 446, 447, 448, SEDC 400, and SEDR 516.

446. Teaching Mathematics in the Elementary and Middle School 2 credit hours
Materials, programs, and methods for teaching mathematics in the elementary and middle schools. Prerequisite: SEDL 441 and SEDR 541, Corequisite: SEDL 410, 445, 447, 448, SEDC 400 and SEDR 516.

447. Teaching Social Studies in the Elementary and Middle School 2 credit hours
Materials, programs, and methods for teaching social studies in the elementary and middle school. Prerequisite: SEDL 441 and SEDR 514, Corequisite: SEDL 410, 445, 446, 448, SEDC 400, and SEDR 516.

448. Teaching Science in the Elementary and Middle School 2 credit hours
Materials, program, and methods for teaching science in the elementary and middle schools. Prerequisite; SEDL 441 and SEDR 514, Corequisite: SEDL 410, 445, 446, 447, SEDC 400, and SEDR 516.

470. Directed Teaching in the Elementary and Middle School 15 credit hours
A full semester of supervised clinical experiences, including 7 two-hour and 3 day-long seminars and workshops, for students who are preparing to teach in elementary and middle schools. The directed experience includes half a semester in grades 1-3 and half a semester in grades 4-5. Prerequisite: approval by the Teacher Education Admissions Committee.

Foundations of Education (SEDF)

321. Dynamics of American Education 3 credit hours
Extensive treatment of the social, political, economic, and philosophical influences that have shaped formal education in the U.S. Analysis of the financial, organizational, and legal aspects of education. Taught in conjunction with SEDE 210 and SEDL 210.

333. Introduction to Child Growth and Development — 3 credit hours

Basic course designed to familiarize the prospective teacher with the patterns of social, emotional, physical, and intellectual growth and development of children from the prenatal stage to the onset of adolescence. Taught in conjunction with SEDE 310 and SEDL 310.

334. Introduction to Adolescent Growth and Development — 3 credit hours

Basic course designed to familiarize the prospective junior and senior high school teacher with the patterns of social, emotional, physical, and intellectual growth and development of individuals during their adolescent years. Taught in conjunction with SEDS 311.

335. Introduction to Educational Psychology — 3 credit hours

Applications of the psychology of learning and motivation. Special attention to basic statistical procedures and to the behavior of the school child.

Middle School Education (SEDM)

431. Curriculum and Organization of the Middle School — 3 credit hours

A study of the curriculum and organizational structure of the emerging middle school. Emphasis is placed on identifying and meeting the needs of the early adolescent. Skills are developed using a three-dimensional theoretical matrix comprising research results based on (1) generalizations drawn from research, (2) foundations of curriculum, and (3) organizational patterns. Prerequisite: SEDF 333, 334, admission to the professional program.

437. Methods and Materials of Teaching in the Middle School — 3 credit hours

A course to implement middle school curriculum skills through mastery of a variety of teaching methods and through the use of media. Students demonstrate, through micro-teaching, a mastery of various models of teaching and identify and evaluate middle school media. Prerequisite: SEDF 321, 333-334, SEDE 431, admission to the professional program.

Reading Education (SEDR)

514. Teaching of Reading in the Elementary School 3 credit hours
A basic course emphasizing the psychological, sociological, physiological, and pedagogical factors underlying the process of reading. It stresses the development of basic strategies for teaching word recognition and comprehension skills at all levels of instruction in the elementary school. Includes specific techniques in identifying and planning for individual instructional needs. A minimum of ten hours of observation in the classroom is required. Prerequisite: SEDF 333, 335.

516. Diagnosis and Correction of Reading Disabilities 3 credit hours
This clinical and lecture course emphasizes diagnosis and remedial procedures for the teaching of reading. Students gain practice in diagnostic procedures and interpretation of results. Students study, select, and prepare materials and techniques to correct reading deficiences.

518. Reading in the Secondary School 3 credit hours
The place of reading instruction in high school, the programming of special services in reading instruction, methods of teaching basic and developmental reading skills, and case studies of programs. Demonstrations of tests and devices. Prerequisite: SEDF 334.

Secondary Education (SEDS)

210, 211, 311. Practicum in Education 1 credit hour each
A sequence of supervised practicum experiences in various types of educational settings. Seminars and group discussions included. Pass-fail credit. Taught in conjunction with SEDF 334.

446. Secondary School Curriculum 3 credit hours
The organization, historical context, foundations for curriculum development, process of curriculum planning, design of the curriculum, and strategy of curriculum change in the secondary school. Open only to juniors and seniors or graduates completing certification requirements. Prerequisite: Physical Education majors, SEDF 321, 333, 334, or consent of instructor; Secondary Education majors, SEDF 321, 334, 335, or consent of instructor.

447-453. Teaching in High School 3 credit hours each
Students select the appropriate course involving a study of methods, techniques, and materials of instruction appropriate to the subject matter taught in high school.

447 Teaching in High School (English)
449 Teaching in High School (History and Social Studies)
450 Teaching in High School (Mathematics)
451 Teaching in High School (Physical Education)
452 Teaching in High School (Distributive Education)
453 Teaching in High School (Natural Science)

473-481. Directed Teaching in High School 15 credit hours each
A field-based course in which Secondary Education majors engage in teaching under the guidance of a public school teacher. Experiences are provided in middle school, junior high school, and high school settings. Weekly seminars are also scheduled.

473 Directed Teaching in High School (English)
475 Directed Teaching in High School (History and Social Studies)
478 Directed Teaching in High School (Mathematics)
480 Directed Teaching in High School (Distributive Education)
481 Directed Teaching in High School (Natural Science)

ENGINEERING (ENGR)

110. Introduction to Engineering 3 credit hours
Basic concepts of engineering with related problems. Introductory computer programming. Study of the engineering curriculum.

223. Statics 3 credit hours
Introduction to the principles of mechanics. Equilibrium of particles and rigid bodies. Distributed forces, centroids and centers of gravity. Moments of inertia of areas. Analysis of simple structures and machines. A study of various types of friction. Prerequisite: Mathematics 141.

224. Dynamics 3 credit hours
Kinematics of particles and rigid bodies. Kinetics of particles with emphasis of Newton's second law; energy and momentum methods for the solution of problems. Applications of plane motion of rigid bodies. Prerequisite: Engineering 223.

225. Circuit Analysis 3 credit hours
Passive circuits and network analysis; ideal circuit elements and the mathematical model; the steady-state and transient solutions; impedance and admittance concepts; resonance; Kirchoff's laws, mesh and node equations, and network theorems. Prerequisite: Mathematics 142.

229. Introduction to Mechanics of Solids 3 credit hours
This course considers concepts of stress and strain; stress analysis of basic structural members; consideration of combined stress, including Mohr's circle; introductory level analysis of deflection; buckling of columns. Prerequisite: Engineering 223, Mathematics 241.

230. Digital Logic Design 3 credit hours
Number systems and discrete codes. Boolean algebra and forms of Boolean expressions; logic, logic elements, and logical design; practical applications of logical design. Models of sequential systems, completely and incompletely specified sequential systems completely and incompletely specified sequential circuits, synchronous and asynchronous circuit design. Prerequisite: Engineering 110, Mathematics 142.

301. Thermodynamic Fundamentals 3 credit hours
Definitions, work, heat, and energy. First law analysis of systems and control volumes. Second law analysis. Prerequisite: Mathematics 241.

305. Engineering Materials 3 credit hours
A study of the microstructure of materials, including atomic structure, interatomic forces and the structure of crystalline and non-crystalline materials. Phase diagrams, phase changes and macrostructure of materials. Properties of engineering materials.

306. Fluid Mechanics 3 credit hours
Static properties of fluids are introduced with definitions, basic concepts, and measuring techniques. Fluid flow introduces continuity conditions, streamline flows, thermodynamic relations, and Euler's equation of motion. Applications of dimensional analysis are made. Steady State laminar and turbulent flow are studied for different boundary conditions. Compressible flow is introduced. Prerequisite: Engineering 224.

ENGLISH LANGUAGE AND LITERATURE (SEGL)

Note: Advanced standing in freshman English classes is achieved by a number of methods, including Educational Testing Service Advanced Placement examinations and the English Placement Examination administered to all in-coming USCS freshmen. For details on English placement in special circumstances, consult the Chairperson, Division of Fine Arts, Languages, and Literature.

100. Basic Writing 3 credit hours
A course in basic writing skills with closely supervised practice in writing the sentence, the paragraph, and the theme, with intensive review of spelling, grammar, punctuation, and mechanics. May not be used to satisfy any English requirement.

101. Composition 3 credit hours
A course in the composing process with attention to invention, arrangement, and style, and closely supervised practice in reading and in writing essays.

102. Composition and Literature 3 credit hours
A course in the writing of expository and critical essays with an introduction to literature and including a research paper. Honors section offered.

Note: The completion of English 101 and 102 (or equivalent) is prerequisite to enrollment in the following courses. Only those courses that are numbered above 300 may count toward a major in English. In special circumstances, with the approval of the department, a graduate student may enroll in some courses numbered above 500 and receive graduate credit by doing additional work. For a listing of graduate courses see the Graduate Studies Catalog for the University of South Carolina.

245. Effective English 3 credit hours
This course is designed to acquaint students further with the fundamentals of English usage and the resources of the language, and to enable them to employ the mother tongue with a degree of grace and effectiveness.

275. Masterpieces of World Literature 3 credit hours
Selections from the literature of Western and non-Western cultures from ancient times through the seventeenth century.

276. Masterpieces of World Literature II 3 credit hours
Selections from the literature of Western and non-Western cultures from the eighteenth century to modern times.

279. Survey of American Literature I 3 credit hours
An intensive survey of the writings of American authors from colonial times to 1860.

280. Survey of American Literature II 3 credit hours
An intensive survey of American poetry, drama, and prose from 1860 to the present.

289. Survey of British Literature I 3 credit hours
An intensive study of British poetry, drama, and prose from the Old English Period to 1800.

290. Survey of British Literature II 3 credit hours
An intensive survey of British poetry, drama, and prose from 1800 to the present.

291. Black American Literature 3 credit hours
A survey of writings by black American authors. The course may include works from several genres; or it may, in a given semester, be restricted to a specific genre, such as poetry, fiction, or drama.

319. Development of the Novel 3 credit hours
A study of the development of the novel as an art form. The course includes a generous sampling of major European and American novels.

322. Contemporary Literature 3 credit hours
A survey of prose, poetry, and drama written in the second half of the twentieth century.

398. Studies in Language and Literature 3 credit hours
Intensive study of selected topics in English or American literature.

399. Independent Study. 1-6 credit hours

400. A Survey of Early English Literature 3 credit hours
A survey of Old and Middle English works in translation.

401. Chaucer 3 credit hours
Chaucer's works, with special attention to The Canterbury Tales.

407. Shakespearean Drama 3 credit hours
A study of selected plays by Shakespeare.

409. English Literature, 1500-1660 3 credit hours
A study of the poetry and prose of major Renaissance and Commonwealth writers.

411. English Literature, 1660-1800 3 credit hours
A study of the poetry, prose, and drama of Restoration and 18th century writers.

417. Romanticism 3 credit hours
A study of the 18th century transition from Classicism to Romanticism, and the 19th century masters: Wordsworth, Coleridge, Byron, Shelley, and Keats.

419. Victorian Literature 3 credit hours
A study of the poetry and prose of major Victorian writers.

423. British Literature, 1900-1950 3 credit hours
This survey of the literature of the first half of the twentieth century includes representative readings from major poets, dramatists, and fiction writers.

425. American Literature, Beginnings to 1830 3 credit hours
A study of writing in colonial and revolutionary America, with special attention to literary types and to the influence of religion and politics on these types.

426. American Literature, 1830-1865 3 credit hours
Readings of representative works of Poe, Hawthorne, Melville, Emerson, Thoreau, Longfellow, Holmes, Lowell, and others.

427. American Literature, 1865-1910 3 credit hours
Readings in representative works of Dickinson, Whitman, Twain, Howells, James, Norris, Crane, Dreiser, Adams, and others.

428. American Literature, 1910-1950 3 credit hours
Readings of representative poets, dramatists, and fiction writers of the period.

435. The Short Story 3 credit hours
A study of the characteristics of the short story as a type, with references to its historical development in America and Europe.

447. Southern Literature 3 credit hours
An historical and critical survey of selected works of Simms, Lanier, Cable, Harris, Wolfe, Faulkner, O'Conner, Johnson, Wright, McCullers, and other Southern writers.

451. Introduction to the Study of Language 3 credit hours
An introduction to general principles in the design and function of human language. Illustrative material is drawn from English and modern European languages as well as others.

453. Development of the English Language 3 credit hours
A course for those who would like to know something of the history of the English language. No previous knowledge of Old or Middle English is required. The course considers such questions as: How did language originate? In what ways does a language change? How is a dictionary made? What causes the meaning of a word to change?

455. Language Study Applications 3 credit hours
A study of applied linguistics providing increased awareness of the power of language and suggesting methodology for increasing language usage, dialects, general semantics, propaganda techniques, non-verbal communication (body language) and application of grammatical analysis to improvements of effective communication.

459. Advanced Rhetoric and Composition 3 credit hours
A study of the theory and principles of rhetoric and their history and development from classical Greece to the present, and the application of these principles in the student's own thinking and writing.

468. a, b Creative Writing 3 credit hours
A course in the writing of non-fiction, fiction, drama, and poetry. May be taken as English 468b for 3 additional hours credit with consent of the division chair. Prerequisite: English 102 and consent of instructor.

483. Theory of Literary Criticism 3 credit hours
Various theories of literary criticism with the aim of establishing standards of judgment. The course includes practice in criticizing literary works, including the several types.

484. Children's Literature 3 credit hours
A course in reading and reporting on representative works in children's literature appropriate for the elementary school child. Required of all students specializing in Elementary Education.

485. Adolescent Literature 3 credit hours
A study of the characterization of adolescents in literature and of the historical development of the writing of literary works expressly for the adolescent readers.

490. Senior Seminar 3 credit hours
Reading and research on selected topics. (Must be taken first semester of senior year.)

526. Computer Methods for Humanistic Problems 3 credit hours
Introduction to data processing concepts suitable for research interests in non-numerical areas such as the humanities. Orientation to data processing equipment and computers. Logic, flow-charting, list-processing, programming languages. Analysis of appropriate computer-assisted research projects. Prerequisite: consent of instructor. (Equivalent to Computer Science 508.)

526P. Laboratory for Computer Methods for Humanistic Problems 1 credit hour
Broad but intensive introduction to computer systems and programming for students in the humanities. No mathematical or scientific background is presumed. Laboratory experience with data processing equipment. Introduction to elementary digital computer programming in an appropriate language. Corequisite: English 526. (Equivalent to Computer Science 508L.)

FOREIGN LANGUAGES AND LITERATURES

Note: Unless otherwise noted, readings, lectures and discussion in foreign language courses above the elementary level are principally in the language concerned.

Exemption policy: Incoming students with previous experience in a foreign language may take the placement test. If placed above the 201 level (3rd semester) they have the choice of: (1) being exempted from the foreign language requirements with no credit, or (2) taking foreign language 202 or 205, and upon passing the course with at least a "C," receive 8 credit hours toward graduation for 101 and 102.

French (SFRN)

101. Introductory French I 4 credit hours
Fundamentals of the language through speaking, aural comprehension, reading, and writing.

102. Introductory French II 4 credit hours
Fundamentals of the language through speaking, aural comprehension, reading, and writing. A continuation of French 101.

103. Introductory Reading in Business and Technical French 3 credit hours
A course designed specifically to help students to interpret basic written material in business and science.

201, 202. Intermediate French 3 credit hours each
Review of the basic principles of grammar, with emphasis on reading, writing, and oral skills.

205. Elementary French Conversation 3 credit hours
Intensive oral training in French through conversation groups, speeches, oral presentations, oral drills, and vocabulary development. Prerequisite: French 102.

305. Intermediate French Conversation 3 credit hours
A continuation of French 205. The emphasis is put on idiomatic vocabulary development and acquisition of fluency through oral presentations and conversation groups.

German (SGRM)

101. Introductory German I — 4 credit hours
Fundamentals of the language through reading, aural comprehension, speaking, and writing.

102. Introductory German II — 4 credit hours
Fundamentals of the language through reading, aural comprehension, speaking, and writing. A continuation of German 101.

103. Introductory Reading in Business and Technical German — 3 credit hours
A course designed specifically to help students to interpret basic written material in business and science.

201, 202. Intermediate German — 3 credit hours each
Review of the basic principles of grammar, with emphasis on reading, writing, and oral skills.

205. Elementary German Conversation — 3 credit hours
Intensive oral training in German through conversation groups, speeches, oral presentation, oral drills, and vocabulary development.

Spanish (SSPN)

101. Introductory Spanish I — 4 credit hours
Fundamentals of the language through speaking, aural comprehension, reading, and writing.

102. Introductory Spanish II — 4 credit hours
Fundamentals of the language through speaking, aural comprehension, reading, and writing. A continuation of Spanish 101.

201, 202. Intermediate Spanish — 3 credit hours each
Review of the basic principles of grammar, stressing reading and oral skills.

205. Elementary Spanish Conversation — 3 credit hours
Intensive oral training in Spanish through conversation groups, speeches, oral presentations, oral drills, and vocabulary development. Prerequisite: Spanish 102.

209. Spanish Grammar and Composition — 3 credit hours
Analysis of fundamental elements of the language and exercises in composition. Prerequisite: Spanish 202 or consent of instructor.

FRENCH
See Foreign Languages and Literature.

GENERAL STUDIES (SGST)

121. Effective Reading I 3 credit hours
A course for developing and improving skills in reading, vocabulary, and study techniques. Admission to the course is by placement test and by advising.

122. Effective Reading II 3 credit hours
This course continues the work of General Studies 121 on reading comprehension and vocabulary development. In addition, students practice employing a flexible and appropriate reading rate for different types of reading material (i.e., novel, history, psychology, newspaper, etc.). Prerequisite: General Studies 121.

299. Independent Study 1-6 credit hours
Prerequisite: junior standing or consent of division chairperson.

GEOGRAPHY (SGEG)

103. Introduction to Geography 3 credit hours
A survey of the principles and methods of geographical inquiry.

121. Principles of Regional Geography 4 credit hours
Description of the regional method and a analysis of the region forming processes. Emphasis is placed on the construction of local regions and the interpretation of regional constructs. Three lectures and one two-hour laboratory per week.

201. Introduction to Physical Geography 4 credit hours
The spatial significance of land forms, water bodies, and soils. Emphasis is placed on both the man-land relationship and the concept of location. Three lectures and one two-hour laboratory per week.

202. Introduction to Weather and Climate 4 credit hours
The interrelationship of weather elements and controls and the spatial distribution of climate and vegetation. Three lectures and one two-hour laboratory per week.

212. Introduction to Economic Geography 3 credit hours
Factors in location and production of commodities, commerce, and manufacturing.

340. Geography of Population, Settlement, and Migration 3 credit hours
The study of population distributions, the patterns of settlement, and the various kinds of population movements. (Equivalent to Sociology 315.)

424. Geography of North America 3 credit hours
Physical and cultural geography of North America with emphasis on the United States.

GEOLOGY (SGEL)

101. Physical Geology 4 credit hours
This course illustrates the methods and procedures of science as they are applied to interpret the earth. The technical subject matter is concerned as much with natural processes as with their products--the minerals, rocks, fossils, structure and surface forms of the earth. The course emphasizes the interplay between hypothesis, experiment, and observable fact that characterizes productive physical science. Three lecture and three laboratory hours each each.

102. Historical Geology 4 credit hours
The practice of geology as an historical science with emphasis on the methods of analysis, nature of the record, and guiding principles that have allowed geologists to decipher the history of the earth. Three lecture and three laboratory hours each week.

103. Environmental Earth Science 4 credit hours
Analysis of the basic energy cycles of the earth. The interaction of human activity with earth processes to affect the environment. Three lectures and three laboratory hours each week.

GERMAN
See Foreign Languages and Literature.

GOVERNMENT AND INTERNATIONAL STUDIES (SGIS)

201. American National Government 3 credit hours
The formation and development of the national government, its organization and powers.

301. Introduction to Political Science 3 credit hours
This course is an introduction to ideas important in the study of politics. Topics discussed are concepts of power and the nature of the state. Specific ideas on the organization and proper function of government are examined including: totalitarianism, fascism, socialism, communism, liberalism, and pluralism.

310. International Politics 3 credit hours
An introduction to the basic factors influencing nation-state behavior in the world: the nation-state system, nationalism and imperialism, national power, the present world crisis. The role of the United States in the world community is emphasized.

315. Theories of International Relations 3 credit hours
The ideas and works of leading theorists of international relations. Stress is placed on the special role these theories and theorists have played and continue to play in shaping and guiding the policies of statesmen.

320. Comparative Politics 3 credit hours
An introduction to the analysis of the major types of political systems utilizing examples drawn from democratic, communist, and underdeveloped nation-states. Problems, approaches, and methods associated with the comparative field are emphasized.

330. International Organization 3 credit hours
An introduction to the structure and functions of international political and economic organizations. Particular attention is given to the United Nations and its specialized agencies and to emerging regional communities.

340. The Conduct and Formulation of United States Foreign Policy 3 credit hours
A analysis of how contemporary United States foreign policy is made and conducted.

341. Contemporary United States Foreign Policy 3 credit hours
A critical analysis of selected problems of United States foreign policy.

360. American Political Parties 3 credit hours
This course examines the functions, history, and future of political parties in the United States. The course emphasizes the development of political parties and the consequences of that development upon the party as an organization, the party as an electorate, and the party in the government.

361. Political Behavior 3 credit hours
This course deals with political participation in the United States. It emphasizes the different possible kinds of participation (interest groups, political protest, contacting officials, voting, running for office), who participates and why, and the consequences of participation for policy decisions and for society.

363. Southern Politics 3 credit hours
Selected political patterns and trends within the eleven states of the American South. Historical developments with the central focus on Southern politics since 1950 are considered.

370. Introduction to Public Administration 3 credit hours
A study of the basic principles and theory of administrative structure, responsibility, and control in relation to policymaking in the modern state.

374. Introduction to Public Policy 3 credit hours
Examination of social, political, and technical forces in policymaking. Various theories of public policy as well as selected policy areas are covered. Current policy issues are also included and integrated into the larger theories of decision making.

385. American Political Thought 3 credit hours
This course surveys American political theorists from the colonial period to the present. The course examines the social, cultural, historical, and scientific developments that have contributed to the nature of American political thinking.

399. Independent Study 1-6 credit hours
Prerequisite: prior approval by the instructor who supervises the project.

401. History of Political Thought 3 credit hours
A theoretical treatment of the purposes and functions of the state through an examination of political philosophers from Machiavelli to Hegel.

447. Foreign Policies of Selected Powers 3 credit hours
A comparative examination of the foreign policy processes of the major powers in the international system. Attention is given to structures involved in the formulation of policy and divergent policies directed to functional issues such as nuclear controls, environmental issues, and economic assistance.

452. The Judicial Process 3 credit hours
A study of the growth of law, the lawmaking of the courts, the structure and organization of federal and state courts, the procedures involved in civil and criminal cases, and the problems and proposals for reform in the administration of justice. (Equivalent to Criminal Justice 421.)

462. The Legislative Process 3 credit hours
A study of the structure, organization, powers, functions, and problems of legislative bodies.

463. The American President 3 credit hours
The constitutional powers and political roles of the American President with lesser emphasis upon state governors. The course examines the chief executive and administration, executive relationships with legislatures, and party and popular leadership by the executive.

491. Topics in Government and International Studies 1-3 credit hours
May be repeated once as topics change.

550. Constitutional Law 3 credit hours
A study of the evolution of governmental powers focusing on the judiciary, the Presidency, congress, the states, and intergovernmental relations. Prerequisite: Government 201.

551. Civil Rights and Civil Liberties 3 credit hours
A study of civil rights with particular emphasis upon freedom of religion, freedom of speech and association, due process, equal protection, and criminal procedure. May be taken independently of Government 550. Prerequisite: Government 201. (Equivalent to Criminal Justice 521.)

564. State and Local Government 3 credit hours
A study of the institutions, functions, policymaking processes, and politics of state and local governments. An examination of the relations between state and local government and the national government.

571. Public Financial Administration 3 credit hours
Principles and practices of financial administration including organization, budgeting, assessment, treasury management, and debt.

572. Public Personel Management 3 credit hours
Fundamental principles of personnel organization and administration, including an analysis of personnel techniques.

HEALTH EDUCATION

221. Personal and Community Health 3 credit hours
A course incorporating the principles of personal hygiene, including the physiological systems of the body with emphasis on mental, sexual, nutritional, safety, and environmental education and communicable deseases.

235. First Aid and Emergency Preparedness 3 credit hours
Emphasis upon preparing school personnel to act responsibley in emergency situations. (Includes the Aerican National Red Cross standard and advanced First Aid instruction.)

331. Health And Education for the Elementary School Child 2 credit hours
Methods and materials for elementary schools. Integration and correlation of materials with school subjects at both primary and intermediate grade levels.

434. Health Education 3 credit hours
Methods of teaching health with special emphasis on the relationship of health to physical education. Health service, healthful school living, and methods and materials of teaching health. Prerequisite: Health Education 221, Biology 232 and 242.

HISTORY (SHST)

101, 102. Introduction to European Civilization 3 credit hours each
A two semester sequence which surveys the rise and development of European civilization from its Mediterranean origins to the present day. The first semester concentrates on the achievements of classical and medieval Europe to 1648 while the second semester focuses upon modern times. History 102 may be taken independently of 101 or before enrolling in 101.

105. Introduction to East Asian Civilization 3 credit hours
The evolution of social, political, and cultural patterns in East Asia, with emphasis on the development of philosophical, religious, and political institutions and their relationship to literary and artistic forms in China and Japan.

106. Introduction to African History 3 credit hours
An examination of traditional sub-Saharan African cultures and of their political and economic transformation in the modern colonial and post-independence periods.

108. Introduction to Contemporary European Civilization 3 credit hours
An inquiry into the major political, intellectual, and economic factors that have shaped European civilization in the nineteenth and twentieth centuries.

110. Introduction to American History 3 credit hours
An interpretation of the major characteristics of American society and the forces which have influenced its evolution from its American Indian origins to thirteen colonies to industrial-based world power.

111. An Introduction to Western Civilization 3 credit hours
A survey of the major developments and characteristics of Western civilization in Europe and the Americas, with major emphasis upon the period from the Renaissance to the present.

112. An Introduction to Non-Western Civilization 3 credit hours
A survey of the major developments and characteristics of non-Western civilizations and cultures in Asia, Africa, and the Americas.

201, 202. History of the United States From Discovery to the Present Day 3 credit hours each
A general survey of the United States from the era of discovery to the present, emphasizing major political, economic, social, and intellectual developments.

301. The Nineteenth Century: A Cultural and Intellectual History 3 credit hours
A history of cultural and intellectual movements in the 19th century in the context of European social and economic changes.

311. The History of England 3 credit hours
The history of the political, economic, social, and cultural development of England from Anglo-Saxon times to the Glorious Revolution.

312. The History of England 3 credit hours
The history of the political, economic, social, and cultural development of England since the Glorious Revolution (1688).

321. Contemporary Europe 3 credit hours
A study of the First World War, problems arising out of the peace settlement, and new experiments in government up to 1933.

322. Contemporary Europe 3 credit hours
Europe from 1933 to present.

332. The New Nation, 1789-1828 3 credit hours
An examination of the new republic and the developing democratic spirit in politics and culture.

333. The Sections and the Nation, 1828-1860 3 credit hours
A study of the three cultures of East, South, and West, their interactions, and the events leading to the Civil War.

334. Civil War and Reconstruction, 1860-1877 3 credit hours
The political, military, and social history of the War and the reorganization which followed.

335. The Rise of Industrial America, 1877-1917 3 credit hours
A survey of recent United States history with emphasis on the economic, social, and literary developments from 1877 to 1917.

336. The United States and a World at War, 1917-1945 3 credit hours
A survey of the political, economic, social, and cultural developments of the period.

337. United States History Since 1945 3 credit hours
A survey of the political, economic, social, and cultural developments in the period after World War II.

340. The New South, 1865-1946 3 credit hours
A study of reconstruction, the Bourbon era, agrarian revolt, industrial revolution, racial problems, and the changes resulting from the impact of two World Wars and the New Deal.

357, 358. Africa South of the Sahara 3 credit hours each
A survey of the cultural, economic, social, and political developments of the peoples of sub-Sahara Africa. First semester, to 1850; second semester, the imposition of colonial rule and independence.

399. Independent Study 1-6 credit hours

401. Historical Research 3 credit hours
A study of the writing of famous historians of the past combined with practice in research methodology and the writing of a senior thesis.

492. Current Events 1-3 credit hours
Reading and research on selected topics in current history.

493, 494, 495. Topics in History 3 credit hours each
Reading and research on selected historical subjects.

539. Germany Since 1914 3 credit hours
A study of Germany from the First World War through the Weimar Republic and the Third Reich to the development of East and West Germany.

552. England Under the Tudors, 1485-1603 3 credit hours
A survey in-depth of the political, cultural, and intellectual life of the Tudor Age, with special emphasis on the English Renaissance and Reformation.

553. England Under the Stuarts, 1603-1688 3 credit hours
A survey in-depth of the political, constitutional, intellectual, and cultural aspects of the age. Special emphasis is placed on the evolving constitutional struggles from James I to William III.

556. England in an Age of Revolution, 1688-1815 3 credit hours
A study of the Revolution settlement of 1688 and the ensuing Whig supremacy, followed by an examination of the impact on England of the industrial, American, and French Revolutions.

557. Nineteenth Century Britain, 1815-1900 3 credit hours
The political, economic, and social history of Great Britain and Ireland in the Victorian Age.

564. The Expansion of Europe to 1800 3 credit hours
Topics in Europe's political, economic, and cultural expansion outside of Europe; the establishment of colonial and commercial empires.

565. The Expansion of Europe Since 1800 3 credit hours
The era of free trade, the new "imperialism," twentieth-century colonialism, the rise of nationalism, independence.

636. American Thought and Social Policy Since 1865 3 credit hours
An investigation and consideration of the main aspects of American thought--political, economic, social, religious, aesthetic, and scientific--with reference to the national institutions of the post-1865 period.

INTERNATIONAL STUDIES
See Government and International Studies

JOURNALISM (SJOU)

301. Communication Theory and Research 3 credit hours
An introduction to the theories of communications, the nature of scientific investigation, and how both figure in the process called mass communication. Two lecture and two laboratory hours per week.

302. History and Philosophy of Mass Media 3 credit hours
Development of the mass media in the United States from colonial times to the present. Special emphasis is placed on the social, cultural, political, and economic aspects of American history, and on their effect on the growth of the mass media.

303. Law and Ethics of the Mass Media 3 credit hours
South Carolina and national law as it relates to mass communications. The course also examines ethics relating to the journalistic profession.

310. Mass Media and Society 3 credit hours
A broad overview of the function and influence of newspapers, magazines, broadcasting, advertising, and public relations.

325. Radio Programming and Production 3 credit hours
A study of the techniques and procedures in the creation, production, and direction of radio programs. Prerequisite: Journalism 301.

326. Television Programming and Production 3 credit hours
A study of the techniques and procedures in the creation, production, and direction of television programs. Prerequisite: Journalism 301.

328. Public Relations and Persuasion 3 credit hours
An analysis of how business, government, consumer groups, minorities, environmentalists, and others work to influence public attitudes toward their activities and to win understanding and support in the public opinion forum.

333. Copy Editing 3 credit hours
The special skills and techniques required in preparing stories for publication. Laboratory work includes editing of various kinds of copy and writing headlines. Lecture and laboratory. Prerequisite: Journalism 301.

335. Reporting 3 credit hours
Skills and techniques necessary for covering specific news assignments with close attention to writing under deadline pressure. Includes interview practice, lecture, and laboratory.

LOGIC (SLGC)

205. Introduction to Logic and Rhetoric 3 credit hours
This course instructs students in applications of rhetoric and informal logic. Written texts, primarily published essays and articles, are analyzed for content and method of presentation. Moreover, techniques are introduced for both identifying and evaluating reasoning as it occurs in natural language uses. Students are expected to produce critical essays of their own, demonstrating first-hand knowledge of the techniques of careful reading and clear writing. Two lecture and one laboratory hour per week. Prerequisite: English 102 or equivalent. (Equivalent to University 301.)

207. Deductive Logic 3 credit hours
This course examines the nature of arguments expressing deductive inferences. The student learns to evaluate deductive inferences by applying a system of natural deduction with the propositional calculus. Additional topics include the nature of axiomatic systems and important metatheorems of such deductive systems. This course is recommended especially for students in mathematics, linguistics, computer science, and pre-law. Prerequisite: Logic 205 or consent of instructor.

208. Inductive Logic 3 credit hours
This course examines the nature of arguments expressing inductive inferences. Topics include the problem of induction, the probability calculus, the logic of experimentation, statistical inference, and decision-making models. This course is recommended for students in the natural and social sciences. Prerequisite: Logic 205 or consent of instructor.

MATHEMATICS (SMTH)

Note: Students who have not successfully completed high school algebra should begin mathematics courses with Mathematics 100. High school students who have had only Algebra I should begin with Mathematics 119. The next mathematics course that should be taken depends upon whether or not the student is majoring in the natural or computer sciences.

Students Majoring in Natural or Computer Science. Students majoring in the natural or computer sciences who (1) have either successfully completed high school Algebra I and II or Mathematics 100 and Mathematics 119, or (2) who have 3 years of college prepartory mathematics should begin with Mathematics 121. After successful completion of Mathematics 121, they should take Mathematics 141. Students who have successfully completed high school Algebra I and II and trigonometry should begin with Mathematics 141.

Students Not Majoring in Natural or Computer Science. Students not majoring in the natural sciences who have successfully completed high school Algebra I and II should begin with Mathematics 121. After successful completion of Mathematics 121, non-science majors should take either Mathematics 122 or Mathematics 201. Elementary education majors should take Mathematics 501 and 502 after the successful completion of Mathematics 121.

100. Introduction to Elementary Mathematics 3 credit hours
Topics include review of arithmetic. Algebra. (Cannot be used for satisfying any mathematics requirements.) Equivalent to high school algebra I.

119. Elementary College Algebra 3 credit hours
Study of signed numbers, basic number theory, polynomials and rational functions (factoring), equations and word problems (including mixture problems), exponents (roots and radicals), and graphing. (Cannot be used as degree credit in any science or in lieu of any degree requirement in Business Administration.) Prerequisite: High School Algegra I, Mathematics 100, or consent of instructor.

121. Mathematical Analysis I 3 credit hours
Basic ideas of elementary algebra. Subsets of the cartesian plane; polynomial, rational exponential, logarithmic, and other functions. Matrices. Series necessary for the study of compound interest and annuities. Prerequisite: High school Algebra I and II or Mathematics 119.

122. Mathematical Analysis II 3 credit hours
Derivatives and integrals of elementary algebraic, exponential and logarithmic functions. Maxima, minima, rate of change, area under a curve, and volume. Problems and examples are drawn from a variety of areas, including economics, psychology, biology, geography, and geology. Prerequisite: Mathematics 121, eligibility for exemption of Mathematics 121 or Mathematics 125.

125. Precalculus Mathematics 4 credit hours
Topics in algebra and trigonometry specifically needed for Mathematics 141, 142, 241. Subsets of the real number line. Polynomial, rational, absolute value, inverse, exponential and logarithmic relations and functions. Conic sections. Analytic trigonometry. Prerequisite: three years of college preparatory mathematics.

141. Calculus I 4 credit hours
Brief review of real numbers, sets, inequalities, absolute value, elementary analytic geometry. Functions, limits, continuity, the derivative, the definite integral, techniques of differentiation and integration with applications. Maxima and minima of function. Applications in the physical sciences and engineering. Prerequisite: four years college preparatory mathematics including trigonometry or equivalent.

142. Calculus II 4 credit hours
Logarithmic and exponential functions, trigonometric and inverse trigonometric functions, advanced techniques of integration, indeterminate forms, improper integrals, infinite sequences and series. Prerequisite: Mathematics 141.

198. Seminar in Strategies of Problem Solving — 1 credit hour

An introduction to mathematical probing and experimentation in problem solving. The principle of mathematical induction is presented and used. Various strategies of problem-solving are developed according to the following scenario: analysis (by diagram, if possible, by examining special cases), exploration (by considering equivalent, slightly modified, or broadly modified problems), and verification of results. Attention is also given to the language and logic necessary for the communication of the solution of a problem. Prerequisite or Corequisite: Mathematics 141.

201. Elementary Statistics — 3 credit hours

An introductory course in the fundamentals of modern statistical methods, descriptive and inferential statistics, probability and sampling. Primarily for students in fields other than mathematics who need a working knowledge of statistics. Prerequisite: high school Algebra I and II or equivalent.

241. Multivariable Calculus — 4 credit hours

Vector algebra; geometry of three dimensional space, curves in space; polar, cylindrical, and spherical coordinate systems; partial differentiation, multiple integration; vector calculus. Introduction to differential equations. Prerequisite: Mathematics 142.

242. Elementary Differential Equations — 3 credit hours

Ordinary differential equations of first order, higher order linear equations, Laplace transform methods, series methods; numerical solution of differential equations. Applications to the physical sciences and engineering. Knowledge of FORTRAN or BASIC programming is desirable. Prerequisite: Mathematics 142.

315. Statistical Methods I — 3 credit hours

The concepts and methods of statistics with emphasis on applications for those who desire a working knowledge of statistics. A review of probability, sampling, and descriptive statistics is followed by a study of estimation of population parameters, testing statistical hypotheses, regression and correlation, and non-parametric statistical tests. Prerequisite: Mathematics 201 or Economics 291 or Sociology 230 or Psychology 225 or consent of instructor.

399. Independent Study — 1-9 credit hours

501. Basic Concepts of Elementary Mathematics 3 credit hours
The meaning of number, fundamental operations of arithmetic, the structure of the real number system and its subsystems, elementary number theory. Open only to students in early childhood and elementary education. Prerequisite: Mathematics 121 or consent of instructor.

502. Basic Concepts of Elementary Mathematics 3 credit hours
Informal geometry and basic concepts of algebra. Open only to students in early childhood and elementary education. Prerequisite: Mathematics 501.

516. Statistical Methods II 3 credit hours
Topics include experimental design, analysis of variance, analysis of covariance, multiple linear regression, and curvilinear regression. Prerequisite: Mathematics 315 or consent of instructor.

531. Foundations of Geometry 3 credit hours
The study of geometry as a logical system based upon postulates and undefined terms. The fundamental concepts and relations of Euclidean geometry are developed rigorously on the basis of a set of postulates. Some topics from non-Euclidean geometry. Prerequisite: Mathematics 241 or consent of instructor.

543. Algebraic Structures I 3 credit hours
Sets, mappings, equivalence relations, elementary properties of semigroups, groups, rings, field. Prerequisite: Mathematics 241 or consent of instructor.

544. Applied Linear Algebra 3 credit hours
This course emphasizes direct and indirect methods of computation for solving systems of linear equations, for evaluating determinants, for determining eigenvalues and eigenvectors, and for inverting matrices. Prerequisite: Mathematics 241 or consent of instructor.

550. Discrete Mathematics for Computer Science 3 credit hours
Introduction to mathematical tools for use in computer science: mathematical models, reasoning, sets, binary relations, functions, counting, analysis of algorithms, infinite sets, algebras. Prerequisite: Mathematics 141 and Computer Science 240. (Equivalent to Computer Science 550.)

554. Introduction to Analysis I 3 credit hours
Theory of functions of one variable; limits, continuity; differentiation; integration; Taylor series, power series; sequences and series of functions. Prerequisite: Mathematics 241.

560. Numerical Analysis I 3 credit hours
Difference calculus. Direct and iterative techniques for matrix inversion. Eigenvalue problems. Numerical solutions of initial value problems in ordinary differential equations. Stability. Error analysis. Laboratory applications. Prerequisite: Mathematics 242, 544, and programming competency. (Equivalent to Computer Science 560.)

599. Seminar in Mathematics 3 credit hours
Recent developments in pure and applied mathematics selected to meet current faculty and student interest. Prerequisite: consent of instructor.

MILITARY SCIENCE (SMIL)

Basic Program

111. Introduction to ROTC and Marksmanship 1 credit hour
In addition to orienting students to military rank structure and army organization, this course provides introduction to basic rifle marksmanship and familiarization with selected weapons currently used by the U.S. Army. The student is taught the fundamentals of marksmanship, assembly and disassembly of military weapons, and the procedures used to safely operate a military or civilian rifle range.

112. Introduction to ROTC and Mountaineering 1 credit hour
This course strives to provide the student with a better understanding of the military system through explanation of the Army's role in conjunction with the National Guard and Reserve. Further, the Soviet threat is explored and introduction to mountaineering skills is provided.

211. Basic Military Skills I 2 credit hours
This course is designed to build on the student's knowledge gained during MS Level 1. Topics to be presented include fundamentals of first aid, communications, nuclear, chemical, and biological warfare, and leadership. Bi-monthly laboratory.

212. Basic Military Skills II 2 credit hours
The purpose of this course is to expose the students to more advanced soldier skills to enable them to enter the contract phase better prepared and more knowledgeable. Topics include physical readiness training, basic map reading, U.S. Army weapons, military aircraft, and marksmanship. Bi-monthly laboratory.

Advanced Program

Note: Military Science offers a Basic Program and an Advanced Program. Satisfactory completion of six semester hours in the Basic Program, 90 contact hours in ROTC activities, substitute military experience, or three years of JROTC may qualify the student for the Advanced Program. Successful completion of the Advanced Program, together with a college degree, qualifies the graduate for either a Reserve or Regular commission as a Second Lieutenant in the United States Army. Advanced Program students are required to participate in the weekly Military Science Lab. Students in the Basic Program are encouraged to participate in the department's adventure training.

301. Military Science 3 credit hours
This three hour course presents a complete course in map reading and navigation. Students study and identify the duties of each member of a rifle squad, the techniques used in tactical movement, and operation of equipment found in a platoon. Basic first aid to include C.P.R. and Nuclear, Biological, and Chemical (N.B.C.) treatment. Communications training to include radiotelephone procedures for PRC-77 Radio, TA-312 telephone, and C.E.O.I.

302. Military Science 3 credit hours
Students learn the basic military skills to successfully complete Advanced Camp. Those skills include Nuclear, Biological, and Chemical treatment, First Aid, Communications, L.A.W., Claymore, calls for fire, M16, M60, and P.O.W. processing. Branches of the Army are presented to help the cadet make a better selection at the MS IV level. Map reading is quickly reviewed and pre-camp briefings are conducted.

401. Military Science 3 credit hours
A study of the U.S. Army training management system, ethics and professionalism command and staff functions, military briefings, the information paper, military justice, the law of war, and Army logistics. Students plan and conduct weekly leadership laboratories and a field training exercise for Military Science 301 students. Mandatory laboratory.

402. Military Science 3 credit hours
This course completes the military science requirements for commissioning the students into the U.S. Army. Subjects include personnel management, counseling, military correspondence, planning meetings, military intelligence, Army customs and courtesies, training management, and 20th century American military history. Students plan and conduct weekly leadership laboratories and two field training exercies for Military Science 302 students. Mandatory laboratory.

MUSIC

Music Education (SMUE)

165, 166. Class Voice (Basic) 2 credit hours each
Elementary course in singing in which both group and individual techniques are employed. Emphasis on the study of voice production and principles of singing. Two meetings and two laboratory periods each week.

454. Music for Young Children 3 credit hours
Emphasis on such topics as the place of music in the education of young children, free and dramatic interpretation of music, listening and rhythmic activity, and rhythm instruments. Designed for elementary school teachers. Three meetings and one laboratory period each week.

Music History and Literature (SMUS)

110. Introduction to Music 3 credit hours
A course open to all students who are interested in gaining a comprehensive appreciation of music through intelligent listening. Representative masterpieces of the various periods of musical composition are studied. Emphasis on correlation of music to other arts. Suitable books and musical materials are recommended for elementary and high school teachers. No previous study of music is required. Three meetings a week and one laboratory period.

129. University Chorus 0-1 credit hour
Large or mixed choir. Open to all enrolled students and members of the faculty and staff. No audition. No previous experience necessary.

130. Contemporary Music Workshop 1 credit hour
A course designed to give instrumentalists, vocalists, composers, and arrangers an opportunity to expand their talents through performance activities. The workshop allows students to receive credit for performance experience.

155, 156. Group Piano 2 credit hours

301. Selected Topics in Music 3 credit hours
Reading and research on selected topics in music.

NURSING

Associate Degree in Nursing (SANU)

131. Fundamentals of Nursing 6 credit hours
A foundation course for students in nursing. Fundamental concepts and technical skills are developed. Various community health agencies are used for clinical experience. Three class hours and nine laboratory hours per week.

133. Nursing in Health Maintenance and Family Development 8 credit hours
Nursing in Health Maintenance and Family Development is a study of the components of physical and mental health as they relate to the family unit. The major focus is on the normal aspects of maternal and newborn health, with consideration given to complications. An additional focus is on the impact of surgery on the family unit. Clinical nursing experiences and observation are provided through hospitals, physicians' offices, clinics, and other community agencies. Four class hours and twelve laboratory hours per week. Prerequisite: Nursing 131.

134. Introduction to Nursing in Physical and Mental Illness 3 credit hours
Introductory course in the study of nursing care of patients with physical and mental health problems at various ages. It builds upon nursing knowledge and techniques given in the first year of the curriculum. The major focus of the course is the nature of illness as it relates to the patient's response to disease conditions and as it presents a problem for nursing. Clinical learning experiences in nursing care of patients are provided through various health agencies. Five class hours and twelve laboratory hours per week. Prerequisite: Nursing 131, 133.

231. Nursing in Physical and Mental Illness I 9 credit hours
A study of major physical and mental health problems, acute and long-term, occurring among children and adults. Current methods of treatment are investigated as these affect and raise implications for nursing practice. Clinical nursing experiences in the care of patients with acute and long-term health problems and nursing needs are provided through hospitals, clinics, and other community agencies. Five class hours and twelve laboratory hours per week. Prerequisite: Nursing 131, 133, 134.

232. Nursing in Physical and Mental Illness II 9 credit hours
A continuation of the study of major physical and mental health problems, acute and long-term, occurring among children and adults. Current methods of treatment are investigated as these affect and raise implications for nursing practice. Clinical nursing experiences in the care of patients with acute and long-term health problems and nursing needs are provided through hospitals, clinics, and other community agencies. Five class hours and twelve laboratory hours per week. Prerequisite: Nursing 131, 133, 134.

234. Nursing Seminar 3 credit hours
Exploration of the opportunities and needs for registered nurse practice. The patterns of organized nursing services, the legal and professional nursing problems, and the nurse's responsibilities to nursing and society. Three class hours per week. Prerequisite: satisfactory sophomore standing.

Baccalaureate Degree in Nursing (SNUR)

310. Nursing Appraisal 2 credit hours
This course is an introduction to nursing appraisal skills. It is designed to assist students in acquiring beginning proficiency in obtaining a client history and in performing nursing appraisal of the well client. One class hour and three laboratory hours. Prerequisite: Junior standing in nursing or consent of instructor.

321. Concepts of Professional Nursing 3 credit hours
An introductory course providing the frame of reference upon which the nursing program is based. An integrated approach to beginning primary nursing care focusing on the total health of the client. Particular emphasis is placed on the application of the nursing process with clients having minor pathological health problems in primary care settings and well clients including families. Course content includes the nursing process, role of the professional nurse, adaptation in man, and application of nursing appraisal skills with individuals and families. Two class hours and three laboratory hours. Prerequisite or Corequisite: Nursing 310, Sociology 305.

331. Strategies for Nursing Action I 5 credit hours
This is the first of a two-course sequence. It is an integrated approach to nursing care at the primary and advanced secondary levels and deals with the use of decision making in the application of the nursing process. The focus is on health maintenance including health teaching and effective use of individual, family, and community resources. Secondary care settings and other selected health care settings provide the opportunities for experiences with clients having chronic health problems. Three class hours and six laboratory hours per week. Prerequisite: Nursing 321.

361. Dynamics of Family and Community Health Nursing I 4 credit hours
This course is a study of the components of community health nursing in the family. The focus is on the use of the nursing process with well families and families having chronic health problems. Course content includes knowledge of community agency structure, community resources, the scientific tools of the community health nurse, and the interrelationships within the family. Clinical experiences are provided in various community health settings. Students continue to follow the well family selected in Nursing 321. Two class hours and six laboratory hours. Prerequisite: Nursing 321.

390. Seminar in Self Perception 3 credit hours
This course presents theory related to self perception and provides the opportunity for personal growth experiences. The teaching sessions present historical and contemporary self perception theories related to awareness of self through bodily states, behavior and interaction with others. The seminar allows for personal growth through small group experiential learning. Prerequisite: junior standing; Psychology 101, Psychology 302 or consent of instructor.

431. Strategies for Nursing Action II 4 credit hours
This course is the second of a two course sequence. It is an integrated approach to nursing care at the advanced secondary and beginning tertiary levels. It expands the use of decision making in the application of the nursing process with emphasis on restoration of clients having life-threatening health problems. Experiences are provided in critical care settings. Two class hours and six laboratory hours. Prerequisite: Nursing 331, Chemistry 310, Biology 370.

461. Dynamics of Family and Community Health Nursing II 4 credit hours
This course is the continued study of nursing and community health, focusing on the use of the nursing process with health problems specific to a given community. Consideration is given to families at different levels of health and to utilization of health services in the urban and rural community. Clinical laboratory is expanded to include experiences in urban and rural settings. Students continue to use the nursing process with the well family followed in Nursing 361. Two class hours and six laboratory hours per week. Prerequisite: Nursing 361, Chemistry 310, Biology 370.

490. Nursing Practice: Search and Research 2 credit hours
In this course, students study the effects of surveys and research in nursing of clients in the realm of health, become familiar with selected methods of research, and develop an ability to apply the critical thinking process in nursing research. One class hour and two seminar hours per week. Prerequisite: Nursing 431, 461; Corequisite: Nursing Elective; Prerequisite or Corequisite: Psychology 225.

495. Health Care for the Hospitalized Person 3 credit hours
This course is designed to allow development of a student's special interest in nursing practice with hospitalized clients. It allows for application of the nursing process for innovative client care and includes aspects of primary, secondary, and tertiary care in the hospital setting. Students explore the role of the nurse in the hospital setting, apply research to nursing practice, observe the effects of bureaucracy on client care in the hospital, and use principles of leadership and management in nursing practice. One class hour and six laboratory hours per week. Prerequisite: Business Administration 371, Nursing 431, Nursing 461; Corequisite: Nursing 490; Prerequisite or Corequisite: Elective.

496. Health Care for the Industrial Worker 3 credit hours
This course is designed to allow development of a student's special interest in nursing practice in occupational health. It allows for application of the nursing process with clients in industrial settings. Course content includes, in a community-wide health team, research applicable to occupational health nursing, use of principles of leadership and management in occupational health nursing. One class hour and six laboratory hours per week. Prerequisite: Business Administration 371, Nursing 431, Nursing 461; Corequisite: Nursing 490; Prerequisite or Corequisite: Elective.

497. Health Care for the Older Person 3 credit hours
This course is designed to allow development of a student's special interest in nursing practice with the older population. Students have opportunity for application of the nursing process with the older client. Consideration is given to the role of the nurse in a community-wide health team, health problems specific to the older person, application of nursing research, and principles of management and leadership as related to nursing practice with the older client. One class hour and six laboratory hours per week. Prerequisite: Business Administration 371, Nursing 431, Nursing 461; Corequisite: Nursing 490; Prerequisite of Corequisite: Elective.

498. Health Care for the School Population 3 credit hours
This course is designed to allow development of a student's special interest in nursing practice in school health. Students have the opportunity for application of the nursing process with clients in a school population. The course allows for examination and exploration of the role of the nurse in a community-wide health team, health problems particular to the school population, applications of research, and principles of management and leadership in nursing practice in school settings. One class hour and six laboratory hours per week. Prerequisite: Business Administration 371, Nursing 431, Nursing 461; Corequisite: Nursing 490; Prerequisite or Corequisite: Elective.

PHILOSOPHY (SPHL)

102. Introduction to Philosophy 3 credit hours
An introduction to the main problems of philosophy and its methods of inquiry, analysis, and criticism. Works of important philosophers are read.

201. History of Ancient Philosophy 3 credit hours
An introduction to the development of philosophy in the ancient world through study of the works of representative philosophers. Philosophy 202 may be taken prior to this course.

202. History of Modern Philosophy 3 credit hours
An introduction to the development of philosophic thought since the Renaissance through the study of the works of important philosophers. The chief emphasis is on the seventeenth and eighteenth centuries. This course may be taken prior to Philosophy 201.

211. Contemporary Moral Issues 3 credit hours
Moral issues confronting men and women in contemporary society. Topics vary but may include discussion of problems related to abortion, drugs, euthanasia, war, social engineering, and punishment of criminals.

309. Philosophy of Mind 3 credit hours
A study of traditional problems pertaining to understanding the concept of mind, for example, the mind-body relation, personal identity, and theories of consciousness.

310. Ethics for the Professions 3 credit hours
A critical examination of selected moral issues and problems of current concern within the professions. Specific topics for study vary, but they are of special interest for the fields of medicine and health care, law and criminal justice, business, education, and journalism.

311. Ethics 3 credit hours
A study of the moral principles of conduct and the basic concepts underlying these principles, such as good, evil, right, wrong, justice, value, duty, and obligation. The ethical works of influential philosophers are analyzed in terms of these concepts.

PHYSICAL EDUCATION (SPED)

101. Introduction to Physical Education 3 credit hours
An introduction and interpretation of the physical education field designed to provide an understanding of its scope. Historical background, principles, philosophy, current issues, professional leadership and publications are considered. Prerequisite or corequisite for technique courses.

105. a,b,c,d,e,f Activity Courses for the Non-Major 1 credit hour
(a) physical activities for children, (b) swimming and water safety, (c) individual and dual sports, (d) folk, square, and social dance, (e) gymnastics and tumbling, (f) team sports. Pass-Fail.

120. Fundamentals of Movement and Body Conditioning 1 credit hour
Development and improvement of basic axial and locomotor movements as they pertain to physical education activities. Emphasis is placed on agility, flexibility, strength, and endurance through body conditioning. Fundamental knowledge of various fitness programs and terminology is taught. Pass-Fail.

121. Golf and Bowling 1 credit hour
Technique course emphasizing skill development, playing strategy, knowledge of rules, scoring, and tournament play. Pass-Fail.

122. Tennis and Badminton 1 credit hour
Technique course emphasizing skill development, playing strategy, knowledge of rules, scoring, and tournament play. Pass-Fail.

125. Combatives 1 credit hour
Technique course emphasizing skill development, strategy, knowledge of rules, scoring, and tournament competition in wrestling, judo, karate, and boxing. Pass-Fail.

126. Soccer and Track and Field 1 credit hour
Technique course emphasizing skill development, strategy, knowledge or rules, scoring, and meet direction. Pass-Fail.

127. Handball and Racquetball 1 credit hour
Technique course emphasizing skill development, playing strategy, knowledge of rules, scoring, and tournament play. Pass-Fail.

130. Modern Dance 1 credit hour
Beginning technique and skill development in modern, interpretive and jazz dance. Additional emphasis is placed upon terminology, dance props, costuming, artists, and dance. Pass-Fail.

140. Adult Recreational Sports 1 credit hour
An introduction to adult recreational sports techniques. Methods and materials for teaching activities of carry-over value adaptable to junior and senior high facilities. Includes such activities as boating, fishing, hunting, camping, backpacking, sking, and recreational games. Pass-Fail.

150. Beginning Gymnastics and Tumbling 1 credit hour
Technique course emphasizing skill development, safety, scoring, and an introduction to competitive routines. Pass-Fail.

160. Flag Football, Basketball, Softball 1 credit hour
Technique course emphasizing skill development, playing strategy, knowledge of rules, and scoring in flag football, basketball, and softball. Pass-Fail.

163. Field Hockey and Volleyball 1 credit hour
Technique course emphasizing skill development, playing strategy, knowledge of rules, and tournament play. Pass-Fail.

180. Swimming 1 credit hour
Technique course emphasizing skill development, basic strokes, elementary diving, knowledge of water and pool safety. Pass-Fail.

201. Teaching of Physical Education 3 credit hours
Orientation to teaching physical education in the public schools. This course emphasizes teaching styles, methods and curriculum with two contact hours each week in public school for observation and teacher aide experiences. Two hours of lecture are held per week. Prerequisite or Corequisite: Physical Education 101 and sophomore standing.

210. Physical Activities for Children 1 credit hour
Games for low-level organization, lead-up games, relay games, tumbling, and rhythms.

242. Principles of Recreation 3 credit hours
The significance and meaning of leisure in modern society, theories of play, the recreational movement in the U.S., and programs of recreation in the school, community, and industry.

265. Officiating of Sports 3 credit hours
Careful study of rules, officiating techniques, and problems arising in officiating, with emphasis on major team sports. Students are encouraged to obtain official's rating.

280. Swimming and Water Safety 1 credit hour
A course for advanced swimmers including teaching of swimming and water safety, skill mastery, lifesaving, pool hygiene, management, and safety.

315. Physical Education for the Elementary School Teacher 2 credit hours
Selection of suitable physical education activities based upon the growth and developmental needs of the elementary child. Integration of physical education with other school subjects. Skills and methods of teaching, inclusion of such activities as story plays, games, stunts, relays, and rhythmical activities. Ten hours of public school teaching experiences provided. Prerequisite: Foundations of Education 333.

320. Individual and Dual Sports 2 credit hours
Skills analysis, methods, and techniques for organizing and teaching tennis, badminton, golf, bowling, and other individual and dual sports. Prerequisite or Corequisite: Physical Education 101, minimal skills competency, and consent of instructor.

330. Folk, Square, and Social Dance 2 credit hours
Methods and technique course emphasizing basic steps, terminology, sequence of movement, and methods of teaching folk, square, and social dance. Opportunities for teaching experience. Prerequisite or Corequisite: Physical Education 101 and consent of instructor.

350. Gymnastics and Tumbling 2 credit hours
Skills analysis, methods and techniques for organizing and teaching tumbling apparatus and free floor gymnastics. Safety, sporting techniques, skill progressions are stressed. Prerequisite or Corequisite: Physical Education 101, minimal skill competency, and consent of instructor.

360. Team Sports 2 credit hours
Skills analysis, methods and techniques for organizing and teaching soccer, field hockey, volleyball, and other team sports. Prerequisite or Corequisite: Physical Education 101, minimal skill competency, and consent of instructor.

370. Protective Practices in Physical Education 3 credit hours
Modern principles and practices in the conditioning and care of athletes. Safety in athletics, prevention of injuries, and methods of massage and taping. Lectures and laboratory experiences. Prerequisite or Corequisite: Biology 232 and 242.

390. Field Experience 1-3 credit hours
School or community experiences related to aspects of physical education. Prerequisite: minimum sophomore standing and consent of advisor and dean.

399. Independent Study 1-3 credit hours
Topics assigned and approved by advisor and department head.

Note: For courses numbered 400 or above students must have junior standing, be admitted to the Professional Program for Teacher Education, and successfully have completed Physical Education 101.

401. Kinesiology 3 credit hours
Analysis of the functions of the skeletal, joint and muscular systems, with emphasis on the mechanics of movement in human performance. Prerequisite or Corequisite: Biology 232 and 242.

403. Organization and Administration of Intramural and Extramural Activities 3 credit hours
Planning and coordinating intramural and extramural sports programs commonly associated with physical education. Includes philosophy, understanding of finance, facilities, organization, and awards.

479. Directed Teaching in High School (Physical Education) 15 credit hours
A field-based course in which physical education majors engage in teaching under the guidance of public school teachers. Experiences are provided in both elementary and secondary settings. Seminars are also scheduled.

505. Elementary School Physical Education 3 credit hours
An intensive investigation and study of the philosophic and scientific bases of elementary school physical education. Topics such as human growth and development, supervisory problems, facilities, and teaching techniques are included.

545. Measurement and Evaluation of Physical Education 3 credit hours
The historical background of measurement in physical education, basic statistical techniques utilized in scoring and interpreting tests, evaluation of measures now available in the field, and the administration of a testing program. Prerequisite: Mathematics 201 or Psychology 225, 15 credits in physical education theory courses and 6 semester hours of technique courses.

553. Organization and Administration of Physical Education 3 credit hours
Organization and management of instructional, intramural, interscholastic, and recreational programs, with emphasis on criteria for the selection and evaluation of activities. Prerequisite: 15 credits in physical education theory courses and 6 semester credits of technique courses.

562. Physical Education for the Exceptional Child 3 credit hours
The techniques for appraising students with faulty body mechanics, orthopedic defects, and other atypical physical conditions. Methods of handling, within the regular physical education class, the various handicaps commonly found in the school situation. Programs of developmental activity and guidance of students with disabilities which restrict them in regular class participation in physical education. Prerequisite: Biology 232 and 242.

590. Research Methods in Physical Education 3 credit hours
A study in methods and tools of research in physical education, with reference to research publications in the field. Provisions for student to engage in original research. Prerequisite: 18 hours in professional physical education including Physical Education 101 and 545.

PHYSICS (SPHS)

101. Introduction to Physical Science I 3 credit hours
An introduction to the concepts, ideas, and methods of physical science. Particular emphasis is given to the principles of classical physics and chemistry. Three hours lecture per week.

101L. Physical Science Laboratory I 1 credit hour
Experiments, exercises, and demonstrations to accompany Physics 101. Prerequisite or Corequisite: Physics 101.

102. Introduction to Physical Science II 3 credit hours
A continuation of Physics 101, with emphasis on ideas, trends, and applications of modern science. Three hours lecture per week.

201. General Physics I 4 credit hours
The first part of an introductory course sequence covering mechanics, electromagnetism, wave motion, sound, heat, optics, relativity, quantum physics, atomic physics, and nuclear physics. No previous background in physics is assumed. Three hours lecture, one hour recitation, and 1 two-hour laboratory per week. Prerequisite: Mathematics 125 or consent of instructor.

202. General Physics II 4 credit hours
A continuation of Physics 201. Three hour lecture, one hour recitation, and 1 two-hour laboratory per week. Prerequisite: Physics 201 or consent of instructor.

211. Essentials of Physics I 4 credit hours
Mechanics, heat, wave motion and optics, electromagnetism, and modern physics. First portion of a two-semester calculus-level course primarily for students of science and engineering. Three hours lecture, one hour recitation, and 1 two-hour laboratory per week. Prerequisite: Mathematics 141.

212. Essentials of Physics II 4 credit hours
A continuation of Physics 211. Three hours lecture, one hour recitation, and 1 two-hour laboratory per week.

POLITICAL SCIENCE
See Government and International Studies

PSYCHOLOGY (SPSY)

Note: Psychology 101 is a prerequisite for all other psychology courses unless otherwise specified.

Courses at the 300-level are survey courses of basic content areas of psychology. As the purpose of these courses is to introduce students to a broad range of information, a lecture format is employed generally. In addition to textbook assignments, students are introduced to articles in scientific journals. Assessment usually includes objective and essay exams, as well as brief papers.

There are two types of courses at the 400-level. Psychology 402, Experimental Topics in Psychology, focuses on experimental methodology applied to a previously encountered content area. The topic covered changes each semester and is listed in the course schedule. Prerequisites are Psychology 224, 225 (or a statistics course) and the 300-level course corresponding to the topic covered, or consent of the instructor. The remaining courses at the 400-level focus on more specialized content areas than those presented at the 300-level. Students should see course descriptions for specific prerequisites.

Courses at the 500-level focus on integration and critical analysis of theories and pertinent research data. The general prerequisites for all 500-level courses are Psychology 224 and 225 (or a statistics course) or consent of instructor. Students are expected to actively participate in classroom discussions. Assessment relies heavily on essay exams, comprehensive research papers, or both.

101. Introduction to Psychology 3 credit hours
A survey of major topics in psychology (learning, perception, motivation, intelligence, etc.) and an introduction to methods used in psychological investigation. Unless otherwise specified, this course is a prerequisite to all other psychology courses.

224. Introduction to Experimental Psychology 4 credit hours
An introduction to research methods for the study of behavior. Lectures, class discussion, and laboratory exercises drawn from diverse areas of psychology are used to provide practical knowledge and skill in data analysis, experimental design, and writing technical reports. Prerequisite: Psychology 101.

225. Psychological Statistics 3 credit hours
A course in fundamental statistical principles with applications. Topics include: measures of central tendency, variance, relative standing, techniques of regression and correlation, statistical hypothesis testing, analysis of variance, and non-parametric statistics. Prerequisite: Psychology 101, 224, or consent of instructor.

302. Developmental Psychology 3 credit hours
An introduction to Life Span Developmental Psychology providing an overview of cognitive, social, emotional, and physical development from conception to senescence. Prerequisite: Psychology 101 or SEDF 335.

303. Psychology of Learning and Memory 3 credit hours
An introduction to basic principles and theories of learning and memory. Topics such as habituation, classical and instrumental conditioning, verbal learning, social learning theory, behavior modification, and modeling are discussed. Prerequisite: Psychology 101 or consent of instructor.

305. Sensory Processes 3 credit hours
The physical (nonsocial) dimensions of environments and its effects on behavior. Prerequisite: Psychology 101 or consent of instructor.

307. Social Psychology 3 credit hours
The principles governing human interaction including factors such as group dynamics, leadership, prejudice, and propaganda. Prerequisite: Psychology 101 or consent of instructor.

308. Physiological Psychology 3 credit hours
This course looks at basic neural and endocrine processes and their correlation with behavior. Prerequisite: Psychology 101 or consent of instructor.

309. Psychology of Personality 3 credit hours
A study of the major theories of personality and the factors involved in the development of personality. Prerequisite: Psychology 101 or consent of instructor.

310. Abnormal Psychology 3 credit hours
A study of the nature of mental and emotional disorders. Topics such as theories of emotional disorders and the causes and treatment of various disorders are discussed. Prerequisite: Psychology 101 or consent of instructor.

311. Industrial and Organizational Psychology 3 credit hours
A survey of the theoretical and empirical foundations of human behavior in industries and organizations. Special consideration is given to applied problems as they relate to improving relationships between individuals and organizations. Prerequisite: Psychology 101 or consent of instructor.

330. Applied Psychology 3 credit hours
An introduction to the practical applications of psychology. Special consideration is given to how psychological concepts are applied in such areas as mental health, industry, schools, law enforcement, and advertising. Prerequisite: Psychology 101 or consent of instructor.

350. Psychology of Adjustment 3 credit hours
A study of the process by which people adjust to the demands made upon them a a result of living with others. Basic processes of motivation and learning are examined, especially as these relate to the acquisition of the mechanisms of adjustment. Prerequisite: Psychology 101 or consent of instructor.

399. Independent Study 3-6 credit hours
The student, in conjunction with a psychology faculty member, plans an individualized study program.

402. Experimental Topics in Psychology 4-8 credit hours
Experimental topics courses focus on formation of testable hypotheses, research strategies, data collection and analysis, critical evaluation and scientific documentation as applied to a particular content area in psychology (for example, development, learning and memory, social, physiological, personality, industrial and organizational). Laboratory experiences are an integral part of this course. Prerequisite: Psychology 101, 224, 225 (or a statistics course) and corresponding 300-level course, or consent of instructor.

417. Psychological Tests 3 credit hours
A consideration of the theory, development, and application of intelligence, achievement, aptitude, and personality assessment measures. Prerequisite: Psychology 225 or consent of instructor.

418. Psychology of the Exceptional Child 3 credit hours
A study of the exceptional child including the causes, characteristics, and guidance needs of these children. Topics such as mental deficiency, physical handicaps, and the unusually bright child are considered. Prerequisite: a course in the area of child psychology or development.

419. Psychology of the Mentally Retarded 3 credit hours
The nature and causes of mental retardation, the behavior and potentialities of retarded children. Prerequisite: a course in the area of child psychology or child development.

450. Undergraduate Practicum in Psychology I 3 credit hours
An introduction to the acquisition of minimal technical competence in interviewing, observational techniques, report writing, data analysis, and ethical issues. Brief introduction to operant measure. Prerequisite: Psychology 101 and consent of instructor.

460. Human Sexual Behavior 3 credit hours
An introduction to the psychological, physiological, and sociological factors in the study of human sexual behavior and attitudes. Prerequisite: junior or senior standing, Psychology 101, or consent of instructor.

502. Special Topics in Psychology 3-6 credit hours
A study of selected topics in psychology planned around areas of faculty interest and competence. Prerequisite: Psychology 101, 224, 225 (or a statistics course), or consent of instructor.

503. Child Psychology 3 credit hours
An examination of the cognitive, social, emotional, and physical development of children from preschool age to adolescence. Theories are discussed and evaluated in light of pertinent research. Prerequisite: Psychology 101, 224, 225 (or a statistics course), Psychology 302, or consent of instructor.

505. Psychology of Adolescent 3 credit hours
An examination of cognitive, social, emotional, and physical development during the period of adolescence. Theories are discussed in light of pertinent research. Prerequisite: Psychology 101, 224, 225 (or a statistics course), Psychology 302, or consent of instructor.

506. Maturity and Aging 3 credit hours
An examination of cognitive, social, emotional, and physical development in the adult years. Theories are discussed in light of pertinent research. Prerequisite: Psychology 101, 224, 225 (or a statistics course), Psychology 302, or consent of instructor.

508. History and Systems of Psychology 3 credit hours
The historical roots of modern psychological theories and survey of the various present day approaches. Prerequisite: Psychology 101, 224, 225 (or a statistics course) or consent of instructor.

510. Abnormal Behavior in Children 3 credit hours
Theory of child behavior problems, including a description of types and disorders. Assessment and methods of intervention in the home, school, and residential treatment centers. Prerequisite: Psychology 101, 224, 225 (or a statistics course), Psychology 302, or consent of instructor.

512. Theories of Counseling and Psychotherapy 3 credit hours
A study of the different approaches to counseling and psychotherapy with emphasis upon both theory and technique involved in the various approaches. Prerequisite: Psychology 101, 224, 225 (or a statistics course) or consent of instructor.

540. Cognitive Processes 3 credit hours
Experimental approaches to cognitive processes. Data and theory with respect to attention, intelligence, cognitive growth, problem solving, and concept formation. Prerequisite: Psychology 101, 224, 225 (or a statistics course), or consent of instructor.

542. Psychology of Women 3 credit hours
The biological, anthropological, and cultural antecedents of women's roles today. Present day status, psychology, and experiences of women. The potential future for women through alternatives to present-day lifestyles and methods of change. Prerequisite: Psychology 101, 224, 225 (or a statistics course), or consent of instructor.

545. Attitudes 3 credit hours
An analysis of attitude theory, measurement, and change. Special consideration is given to issues concerning the assessment and change of attitudes in applied settings such as industries, health organizations, correctional, and educational institutions. Prerequisite: Psychology 101, 224, 225 (or a statistics course) and Psychology 307, or consent of instructor.

SOCIOLOGY (SSOC)

Note: Sociology 101 is prerequisite to all other Sociology courses.

101. Introductory Sociology 3 credit hours
An introduction to sociological facts and principles, an analysis of group-making processes and products.

220. Elementary Statistics for Sociologists 3 credit hours
An introduction to concepts and applications of quantitative methods, including descriptive and inferential statistics. Emphasis on analysis of empirical sociological data. (Equivalent to Psychology 225.)

300. Social Structures 3 credit hours
Selected theoretical orientations, methodological procedures, and illustrative substantive data pertaining to social structures. Prerequisite: Sociology 220 or equivalent course in quantitative methods.

305. Sociology of the Family 3 credit hours
Sociological perspectives related to various aspects of family behaviors, roles, and values.

308. Community Organization 3 credit hours
An analysis of the formal and informal organization, the interrelationships among public and private agencies, and means through which community action programs are initiated, coordinated, and maintained.

309. An Introduction to Social Inequality 3 credit hours
A sociological analysis of the distribution of wealth and income in selected societies.

310. Social Demography 3 credit hours
Selected theoretical orientations, methodological procedures, and illustrative substantive data pertaining to population. Prerequisite: Sociology 220 or equivalent.

315. An Introduction to the Study of Population 3 credit hours
A demographic analysis of determinants and consequences of world population growth. Population in relation to economic and social development, population pressure, optimum population, and population policies. (Equivalent to Geography 340.)

320. Individual and Society 3 credit hours
Selected theoretical orientations, methodological procedures, and illustrated substantive data pertaining to the relations between the individual and society. Prerequisite: Sociology 220 or equivalent course in quantitative methods.

340. Introduction to Social Problems 3 credit hours
Examines disagreement about social norms, deviation from norms, and consequences for social order and change. Resulting problems that may be studied include: mental disorders, juvenile delinquency, crime, drug abuse, alcoholism, suicide, sexual pathology, race and ethnic relations, world population crises, work problems, as well as other current public concerns.

350. Sociology of Delinquent Youth Behavior 3 credit hours
Social factors in the development, identification, and treatment of delinquents. (Equivalent to Criminal Justice 351.)

351. Urban Sociology 3 credit hours
Analysis of urban trends, characteristics, and functions of cities with reference to the social psychological factors in urban living. Attention is directed to the emergence of urbanism in the United States, with particular reference to the Southern region, and to institutions, problems, and city planning.

353. Sociology of Crime 3 credit hours
Social factors in the development, identification, and treatment of criminals. (Equivalent to Criminal Justice 341.)

355. Minority Group Relations 3 credit hours
Theories, methods, and substantive issues in the study of majority-minority group relations and social processes, and cultural orientations associated with racial and ethnic differentiation.

460. Sociology of Mental Health 3 credit hours
Social factors in the development, identification, and treatment of mental illnesses.

502. Political Sociology 3 credit hours
Theory and research concerning the interrelationship between political institutions and social structures. Prerequisite: Sociology 101, 300 or consent or instructor.

506. Social Organization 3 credit hours
Selected theoretical orientation, methodological procedures, and illustrative substantive issues pertaining to organizations. Prerequisite: Sociology 101, 300, or consent of instructor.

523. Sociology of Deviant Behavior 3 credit hours
Theories, methods, and substantive issues in the study of social deviancy. Prerequisite: Sociology 320 or consent of instructor.

SPANISH
See Foreign Languages and Literature

THEATER AND SPEECH (STHE)

140. Public Address 3 credit hours
This course is designed to increase students' facilities in the oral communication and to accustom them to speaking before an audience. Prerequisite: English 102 or consent of instructor.

161, 162 Introduction to Theater Art 3 credit hours each
Understanding and criticism of dramatic literature, history, and production.

170. Fundamentals in Acting I 3 credit hours
The technique of body and voice control, improvisation, interpretation of characters, characterization applied in scenes.

240. Voice and Diction 3 credit hours
The analysis, evaluation, and improvement of speech through a study of the anatomy and physiology of the vocal mechanism, voice production, and articulation.

260. Theater Laboratory 1 credit hour
Participation in theater production, including stage management, direction, costumes, makeup, lighting, sound, scenery, and business management. No formal class meetings. May be repeated for a total of four credits.

301. Selected Topics in Theater 3 credit hours

440. Argumentation and Debate 3 credit hours
Preparing and delivering the debate and other forms of public address.

UNIVERSITY (SUNV)

101. The Student in the University 3 credit hours
The purposes of higher education and the potential role of an individual student within the university and other learning environments. Open to freshmen only.

210. Career Planning and Development 3 credit hours
A course designed to instruct students in how to plan and implement career goals which focus on self-understanding. Appraisal of interest and activities and efforts to determine career objectives which lead to a more meaningful and satisfying career.

301. Critical Analysis and Writing 3 credit hours
This course instructs students in applications of rhetoric and informal logic. Written texts, primarily published essays and articles, are analyzed for content and method of presentation. Moreover, techniques are introduced for both identifying and evaluating reasoning as it occurs in natural language uses. Students are expected to produce critical essays of their own, demonstrating first-hand knowledge of the techniques of careful reading and clear writing. Two lecture and one laboratory hour per week. Prerequisite: English 102 or equivalent. (Equivalent to Logic 205.)

401. Senior Seminar in the Humanities 4 credit hours
A seminar for upper division students which explore interrelationships between the arts and the humanities. The course is devised to improve perceptual, analytical, and communication skills. Individual topics for study vary. (Consult the instructor for a listing of topics for each offering.) Prerequisite: Art 106, Music 110, University 301, or consent of instructor.

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FACULTY

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ACADEMIC CALENDAR

ACADEMIC CALENDAR

Fall 1984

August 20-22, Monday-Wednesday	Registration
August 23, Thursday	Classes begin
September 3, Monday	Labor Day
November 6, Tuesday	General Election
November 22-23, Thursday-Friday	Thanksgiving
December 7, Friday	Classes end
December 10, Monday	Exams begin
December 17, Monday	Exams end

Spring 1985

January 11-15, Friday-Tuesday	Registration
January 17, Thursday	Classes begin
March 25-29, Monday-Friday	Spring break
May 8, Wednesday	Classes end
May 9, Thursday	Exams begin
May 16. Thursday	Exams end
May 17, Friday	Commencement

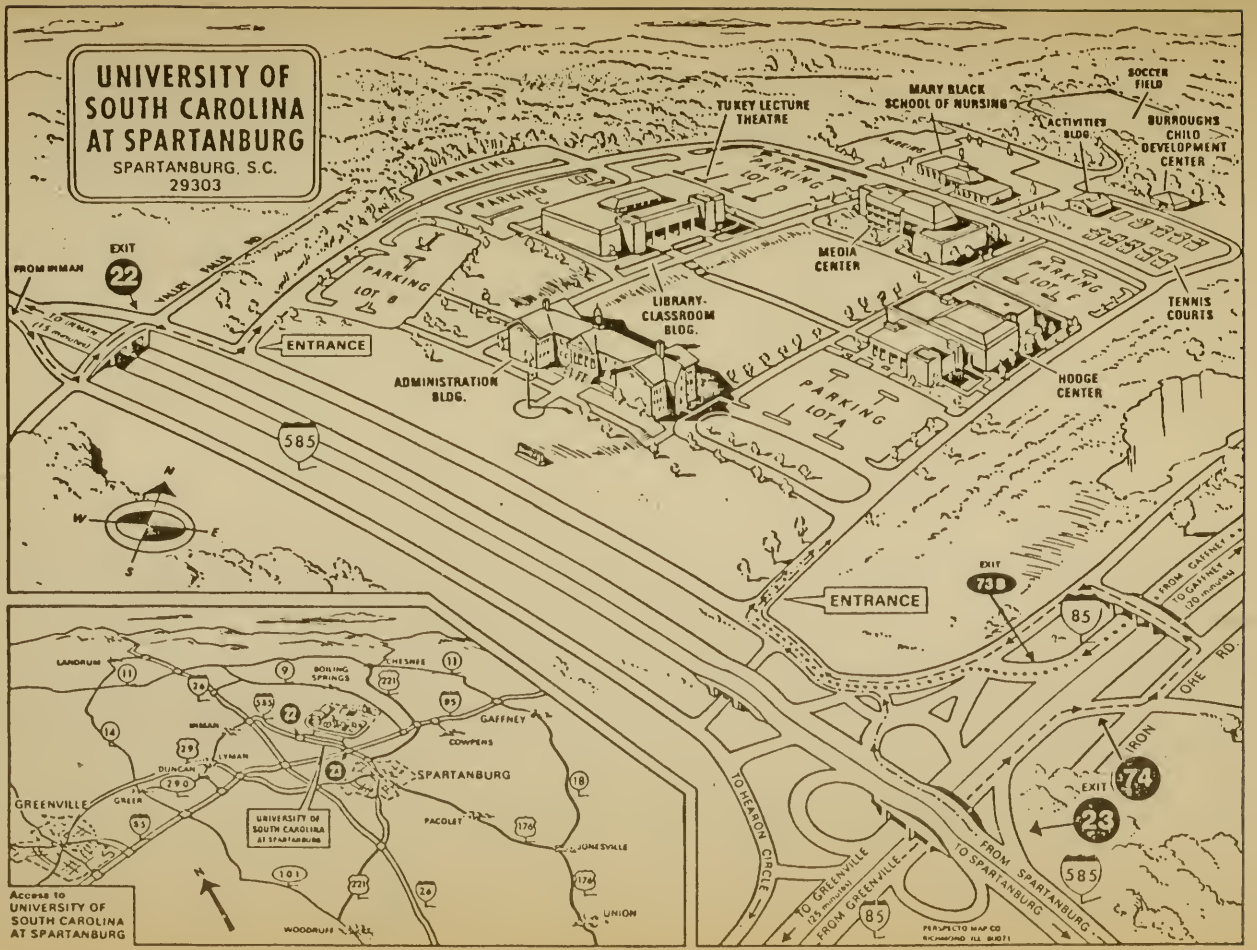
Summer I 1985

June 3, Monday	Registration
June 4, Tuesday	Classes begin
July 4, Thursday	Holiday
July 5, Friday	Exams begin
July 8, Monday	Exams end

Summer II 1985

July 9, Tuesday	Registration
July 10, Wednesday	Classes begin
August 8, Thursday	Classes end
August 9, Friday	Exams begin
August 12, Monday	Exams end

CAMPUS MAP


UNIVERSITY OF SOUTH CAROLINA AT SPARTANBURG
SPARTANBURG, S.C. 29303
TUKEY LECTURE THEATRE
MARY BLACK SCHOOL OF NURSING
SOCCER FIELD
ACTIVITIES BLDG.
BURROUGHS CHILD DEVELOPMENT CENTER
PARKING LOT D
PARKING LOT B
PARKING LOT C
PARKING LOT E
PARKING LOT A
EXIT 22
FROM INMAN
TO INMAN (15 minutes)
VALLEY FALLS RD
ENTRANCE
LIBRARY-CLASSROOM BLDG.
ADMINISTRATION BLDG.
MEDIA CENTER
HODGE CENTER
TENNIS COURTS
585
EXIT 73
ENTRANCE
FROM GAFFNEY
TO GAFFNEY (20 minutes)
85
IRON ORE RD
EXIT 74
23
585
FROM SPARTANBURG
TO SPARTANBURG
TO GREENVILLE (25 minutes)
FROM GREENVILLE
85
TO HEARON CIRCLE
PERSPECTO MAP CO RICHMOND ILL 60071
LANDRUM
BOILING Ssprings
CHESNEE
GAFFNEY
CONVERSE
INMAN
LYMAN
DUNCAN
GREENVILLE
GREER
SPARTANBURG
PACOLET
JONESVILLE
UNION
WOODRUFF
UNIVERSITY OF SOUTH CAROLINA AT SPARTANBURG
Access to UNIVERSITY OF SOUTH CAROLINA AT SPARTANBURG

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